

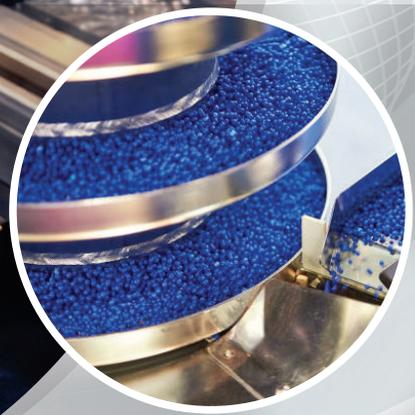
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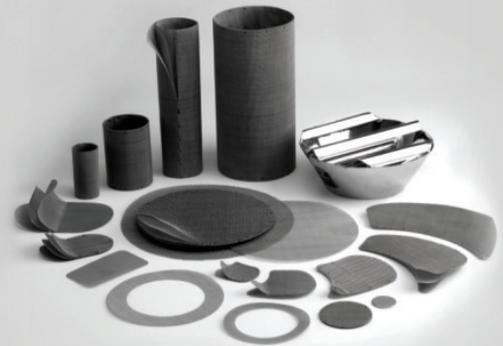


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**PLASTICS INDIA**

A journal for the growth and development of plastics trade & industry

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FROM THE

Editor

Dear Readers,

The Indian Plastics Federation (IPF), as a leading voice of the plastics industry, has long emphasized the balanced role of plastics in economic growth and environmental responsibility.

At a time when sustainability and recyclability dominate global discourse, the plastics industry stands at a defining moment—one that calls for collective action, innovation, and informed leadership.

Plastics are indispensable to modern life, yet their end-of-life management has emerged as a global environmental concern. Rising production coupled with inadequate recycling has turned plastic waste into a challenge for ecosystems, climate goals, and public health. The task before the industry is not to move away from plastics, but to move towards smarter, circular use.

From an Indian perspective, the issue is both urgent and full of opportunity. India generates millions of tonnes of plastic waste annually, much of it from single-use applications, while plastics remain vital to healthcare, food security, infrastructure, and manufacturing. Progressive regulations frameworks are reshaping accountability and driving sustainable practices across the value chain. India's robust informal recycling sector already diverts large quantities of plastic waste from landfills, demonstrating the country's inherent strength in recyclability. With better design, advanced recycling technologies, and stronger markets for recycled materials, this system can be further strengthened. Sustainability in plastics is no longer a choice—it is an imperative. Under the guidance of industry bodies like IPF, a circular plastics economy can ensure that plastics continue to serve society while minimizing environmental impact.

As we step into New Year 2026, a year governed by Surya - as per Hindu Astrology, the eternal source of life, authority, vitality and truth, I extend my best wishes to all stakeholders. The year ahead promises significant business opportunities driven by sustainable materials, recycling technologies, and circular economy models. With the right intent and innovation, 2026 can be a year of responsible growth—where sustainability and profitability move forward together.

Happy browsing.

Post your comments at: magazine@ipfindia.org

Happy browsing

Maniesh K Singhania
Editor

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PRESIDENT *Message*

AMIT KUMAR AGARWAL

President, Indian Plastics Federation;
Co-Chairman of Exhibition Organising Committee
Indplas'25, Kolkata

It is with profound gratitude and a deep sense of responsibility that I present my message as President, having assumed office at the Annual General Meeting on 29th August 2025. The period since then has been purposeful and energising, marked by meaningful initiatives and strengthened engagement across the Federation.

A key priority for this term has been to ensure consistent value creation through knowledge-driven programs. I am pleased to share that we have successfully organised insightful seminars every month, each addressing relevant and contemporary subjects designed to empower our members. The positive response and active participation reaffirm our commitment to fostering continuous learning within IPF.

A significant milestone during this period was the PLASTINDIA 2026 Kolkata Launch, a landmark event attended by more than 500 members of the plastics fraternity. As a Founder Member of Plastindia, IPF holds a place of pride in this national platform. It was an honour for us that our Past President, Shri Alok Tibrewala, is leading this prestigious event as its Chairman. Being invited to the dais at such a distinguished gathering was a moment of immense pride for IPF, reflecting the growing respect and recognition our Federation commands in the industry.

Our Diwali Meet was another memorable occasion that brought our members together in a spirit of fellowship. The enthusiastic participation, coupled with the excitement of the lucky draw, made the evening truly special and strengthened the bonds within our IPF family.

During this period, we also initiated the renovation of the IPF Conference Room, a significant step toward upgrading our infrastructure. This initiative reflects our commitment to creating a modern and functional space that will support productive meetings, constructive discussions, and high-quality programs in the future.

Throughout this period, we have worked as per our commitment to making IPF more vibrant and more connected, ensuring that every initiative we undertake brings greater value to our members and strengthens the unity of our Federation.

I would like to place on record my appreciation for the dedication and active involvement of many members of our team. Their contribution has been instrumental in driving our initiatives forward. At the same time, I encourage the remaining members to participate more actively in our collective mission. Our progress is strongest when we move forward together, united in purpose and commitment.

As we look ahead, I remain confident that with the continued support of our Working Committee, office bearers, and all members, we will achieve new milestones and further strengthen the legacy of IPF. Let us continue to work together with renewed enthusiasm, purpose, and pride.

Warm regards,
Amit Kumar Agarwal
President, IPF

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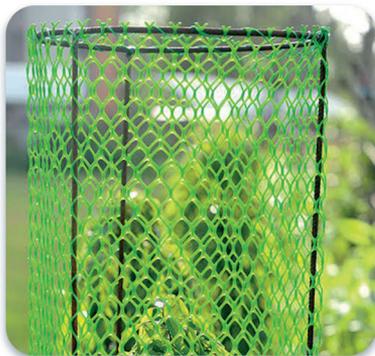
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HONORARY SECRETARY Message



Wishing you all a Happy & Prosperous New Year 2026! The Indian Plastics Federation (IPF) has consistently remained committed to the growth, empowerment, and well-being of its members through thoughtfully curated initiatives, knowledge-sharing platforms, and active engagement with government authorities. Every activity in 2025 was designed to address evolving member needs, strengthen industry awareness, and support sustainable business progress.

KEY KNOWLEDGE INITIATIVES

IPF's commitment to member empowerment was demonstrated through a robust calendar of knowledge-sharing seminars:

GST 2.0 & Judicial Pronouncements Seminar (September 2025, Kolkata) – Provided members with valuable clarity on recent policy changes, compliance requirements, and legal interpretations directly impacting business operations. Eminent speakers from government, legal fraternity, and taxation domain shared practical insights.

Cyber Fraud Awareness Seminar (October 2025) – In today's increasingly digital business environment, this session equipped members with essential knowledge to identify and prevent online scams, financial frauds, and cyber threats.

New Labour Law Seminar – Delivered essential updates on compliance, worker rights, and business implications under the latest labor regulations, ensuring members remain informed on workplace requirements.

SME IPOs – Fueling Growth Seminar (November 2025) – This forward-looking session opened new perspectives for members aspiring to scale their businesses through capital markets. Experts shared first-hand experiences on SME listings, governance, and long-term value creation.

ADVOCACY ENGAGEMENTS & STAKEHOLDER INTERACTIONS

IPF strengthened its role as a collective voice for the plastics industry through strategic advocacy initiatives:

WBIDC Correspondence – IPF sent detailed letters to the West Bengal Industrial Development Corporation highlighting recent changes in the Capital Subsidy Scheme, advocating for

member benefits and policy adjustments to support industry investments.

Synergy Regional Representation – IPF actively represented members at Synergy's events in Howrah, Hooghly, and Kolkata, facilitating direct networking and issue resolution with local stakeholders.

Industry Minister Engagement – IPF met with West Bengal's Industry Minister for in-depth discussions on key matters driving West Bengal industrial development, ensuring member concerns shaped policy directions.

Bengal Business Conclave – IPF participated in the prestigious Bengal Business Conclave, chaired by the Government of West Bengal, engaging with prominent industry leaders, government officials, and ministers to promote plastics sector growth.

Mandatory Licence Renewal Discussions – IPF conducted lengthy discussions with Shri Rajesh Pandey, IAS, Additional Chief Secretary for MSME & Textiles, West Bengal, focused on streamlining the renewal of Mandatory Licences for factory operations, addressing procedural hurdles and securing smoother compliance paths.

NORTHEAST CHAPTER LAUNCH – A HISTORIC MILESTONE

IPF marked a landmark achievement with the grand launch of its North East Chapter on January 8, 2026, at Taj Vivanta, Guwahati. The prestigious event brought together senior government officials including Dr. J. B. Ekka, IAS, industry leaders, IPF Past Presidents, and stakeholders from across the plastics value chain.

The evening commenced with a traditional lamp lighting ceremony, symbolizing an auspicious beginning. Visionary addresses from IPF leadership outlined the Federation's expanding national footprint and commitment to strengthening industry collaboration. The screening of the PlastIndia 2026 short film highlighted one of the world's largest global exhibitions for the plastics industry. Knowledge sessions on environmental compliance and sustainability featured guest speakers from the Pollution Control Board and Central Pollution Control Board, providing valuable perspectives on the evolving regulatory framework.

The event received extensive media coverage across national and regional newspapers and leading television news channels, reflecting the importance of this expansion for the North East and its growing relevance in India's industrial landscape. This launch marks a significant step towards inclusive regional development, enhanced industry collaboration, and a stronger future for the Indian plastics industry.

COMMUNITY BUILDING & MEMBER BONDING

Diwali Get-Together

IPF's Diwali Get-Together served as a warm platform for members to celebrate the festival of lights together. A special highlight was the first-time lottery exclusively for members, which added excitement and joy to the festivities. Members truly enjoyed the occasion, sharing festive greetings, engaging in meaningful interactions, and building stronger personal and professional bonds across the Federation.

PF Cricket 2026

Congratulations to the Sports Committee for organizing IPF Cricket 2026, a remarkable sporting event that built strong bonding and friendship among members. The event brought together members of our Federation along with their families, creating a spirited gathering that fostered camaraderie and lasting memories. Everyone thoroughly enjoyed the experience, and we look forward to many such events in the future.

LOOKING AHEAD

IPF remains steadfast in its resolve to work tirelessly for the progress, protection, and prosperity of its members. Through continued advocacy, knowledge initiatives, community engagement, and collaborative partnerships with government and industry stakeholders, the Federation will keep striving to create meaningful value and a stronger future for the entire IPF community.

Your trust, support, and active participation remain the cornerstone of our collective success.

Saurabh Garodia

Honorary Secretary
Indian Plastics Federation

RECENT AMENDMENTS IN GST 2.0 & IMPORTANT JUDICIAL PRONOUNCEMENTS UNDER GST

In light of the recent changes introduced by the Central Government under GST 2.0, the Indian Plastics Federation (IPF) organized an important seminar titled “Recent Amendments in GST 2.0 & Important Judicial Pronouncements under GST” on 13th September 2025 at The Park Hotel, Kolkata. The event was aimed at enhancing awareness and understanding among IPF members regarding the latest policy reforms, compliance requirements, and industry implications.

The seminar commenced with the rendition of the National Anthem, upholding the traditional spirit of the Federation. Mr. Akshat Kandoi, the moderator of the programme, invited the dignitaries to take their seats on the dais. The distinguished Chief Guest for the evening was Dr. Uma Sankar S, I.A.S., Commissioner, Commercial Taxes, West Bengal. Prominent speakers included Mr. Bharat Raichandani, Managing Partner, UBR Legal; Mr. Ankit Kandoi, Advocate specializing in indirect tax and constitutional law; along with Mr. Amit Kr. Agarwal, President, IPF; Mr. Saurabh Garodia, Hony. Secretary, IPF; and Mr. Pradeep Kr. Kedia, Chairman, Taxation Sub-Committee, IPF.

Mr. Amit Kr. Agarwal, President, IPF delivered the opening remarks, welcoming speakers and participants, and highlighting the importance of understanding GST 2.0 for business operations and strategic decision-making. The Chief Guest was felicitated by Mr. K. K. Seksaria, Mr. Sisir Jalan, and Mr. Madan Lal Agarwal, Past Presidents, IPF.



Dr. Sankar addressed the gathering with insightful perspectives on GST 2.0, followed by a detailed presentation by Mr. Avijit Mondal and Mr. Nirmalya Bandyopadhyay, government officials, covering critical topics such as purchase and sale without physical movement of goods, turnover variations, ITC claims, tax-to-cash ratio challenges, compliance systems, and trust-building.

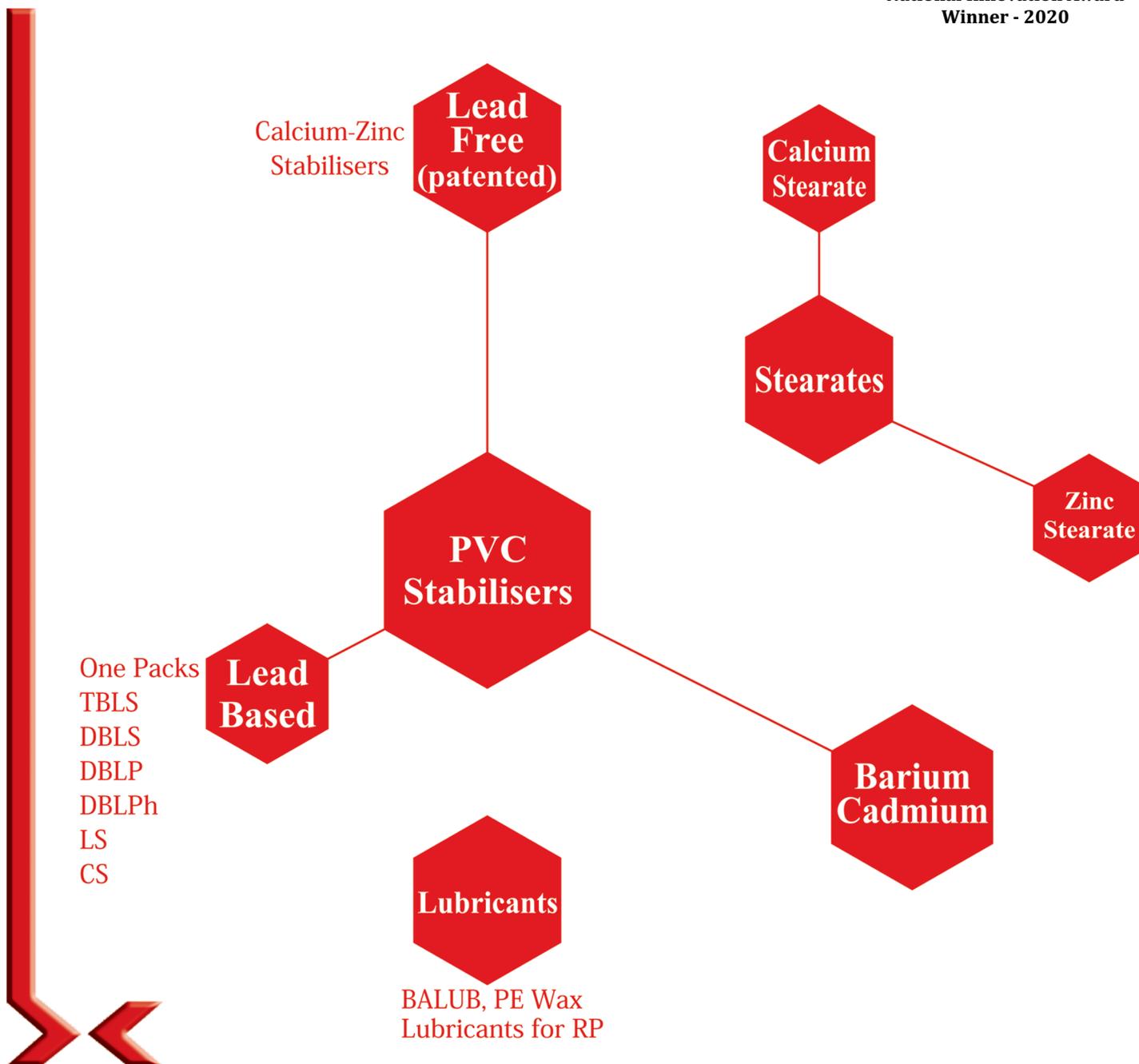
Subsequently, Mr. Ankit Kandoi discussed constitutional and legal aspects, and Mr. Bharat Raichandani provided a comprehensive overview of GST Council decisions, refund mechanisms, compensation cess issues, and implications for the plastics industry.

The session concluded with an interactive question-and-answer segment, followed by felicitation of the speakers and a delightful hi-tea session, marking a successful and enriching event for all attendees. Members expressed appreciation for the opportunity to gain valuable knowledge relevant to their business growth





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PLASTINDIA FOUNDATION

SHAPING THE FUTURE OF THE INDIAN PLASTICS SECTOR, BY MR. RAVISH KAMATH, PRESIDENT, PLASTINDIA FOUNDATION, MUMBAI

The Indian plastics sector stands at a pivotal moment—poised between tremendous growth opportunities and pressing sustainability challenges. As the backbone of diverse industries from packaging and automotive to healthcare and consumer goods, plastics remain indispensable in India's economic progress. The Plastindia Foundation, Mumbai, stays committed to driving this dynamic sector forward, balancing innovation, sustainability, and inclusive growth.

Recent developments reflect a broad-based transformation. Technological advancements like polymer compounding, bio-based plastics, and advanced recycling integrate into manufacturing. The industry's focus on circular economy principles minimizes waste through reuse and recycling. Government regulatory frameworks and incentives catalyze sustainable practices among processors and end-users.

At the heart lies the Plastindia Foundation. Our vision positions India as a global leader in plas-

tics innovation and sustainable development. We enable collaboration, knowledge sharing, and capacity building via technical workshops, policy advocacy, and research partnerships. Skill development programs empower the next generation, bridging academia and industry needs.

Our flagship event, PLASTINDIA 2026 – the 12th International Plastics Exhibition, Conference, and Convention, is scheduled to be held from February 5 to 10, 2026, at Bharat Mandapam, New Delhi. It will rank among the largest exhibitions of the plastics industry worldwide, uniting stakeholders across the entire value chain to present state-of-the-art technologies. Key features of the event include the Zero Waste Show, Startups Pavilion, technical conferences, skill development workshops, and sustainability forums.

PLASTINDIA 2026 emphasizes environmental stewardship through high-level discussions aligning with global goals. It builds an ecosystem for innovation, investment, and exports, ensuring responsible growth. We warmly welcome all industry stakeholders, innovators, and partners to visit PLASTINDIA 2026 and join us in shaping a sustainable future.

The Plastindia Foundation dedicates itself unwaveringly to steering India's plastics industry toward a prosperous era defined by ground breaking innovation, robust sustainability practices, and inclusive growth that benefits every stakeholder. Through relentless collaboration with industry partners, active engagement with government bodies, and unwavering support from our vast network of stakeholders, we are forging pathways for technological advancement, skill enhancement, and policy reforms. This collective endeavor not only strengthens domestic capabilities but also elevates India's stature as a formidable player on the global plastics map, driving economic vitality while safeguarding our planet for future generations.

Thank you,
Ravish B. Kamath

President
PLASTINDIA FOUNDATION



PLASTINDIA 2026 SET FOR A GLOBAL CONGREGATION OF THE HIGHEST ORDER

PLASTINDIA 2026 is all set to showcase India's technological strength, sustainability leadership and growing global influence in plastics. With strong international participation, start-up innovation initiatives and a major focus on circularity and zero waste, the event will drive new trade opportunities and industry collaboration. Roadshows and government support further highlight its role in shaping India's future in plastics.

PLASTINDIA 2026 stands positioned as a platform far beyond a traditional exhibition. It will showcase the strength of Indian industry, the brilliance of Indian minds and the maturity of Indian technology. The event aims to demonstrate how India is shaping the future of global plastics innovation and contributing to economic progress.

Today, plastics contribute around 1.5% - 1.8% to the Indian economy and this share is projected to grow significantly. This event will highlight the sector's rising importance - particularly in areas of sustainable solutions, energy efficiency and advanced materials. As the industry prepares for PLASTINDIA 2026, the excitement and momentum surrounding the event continue to intensify.

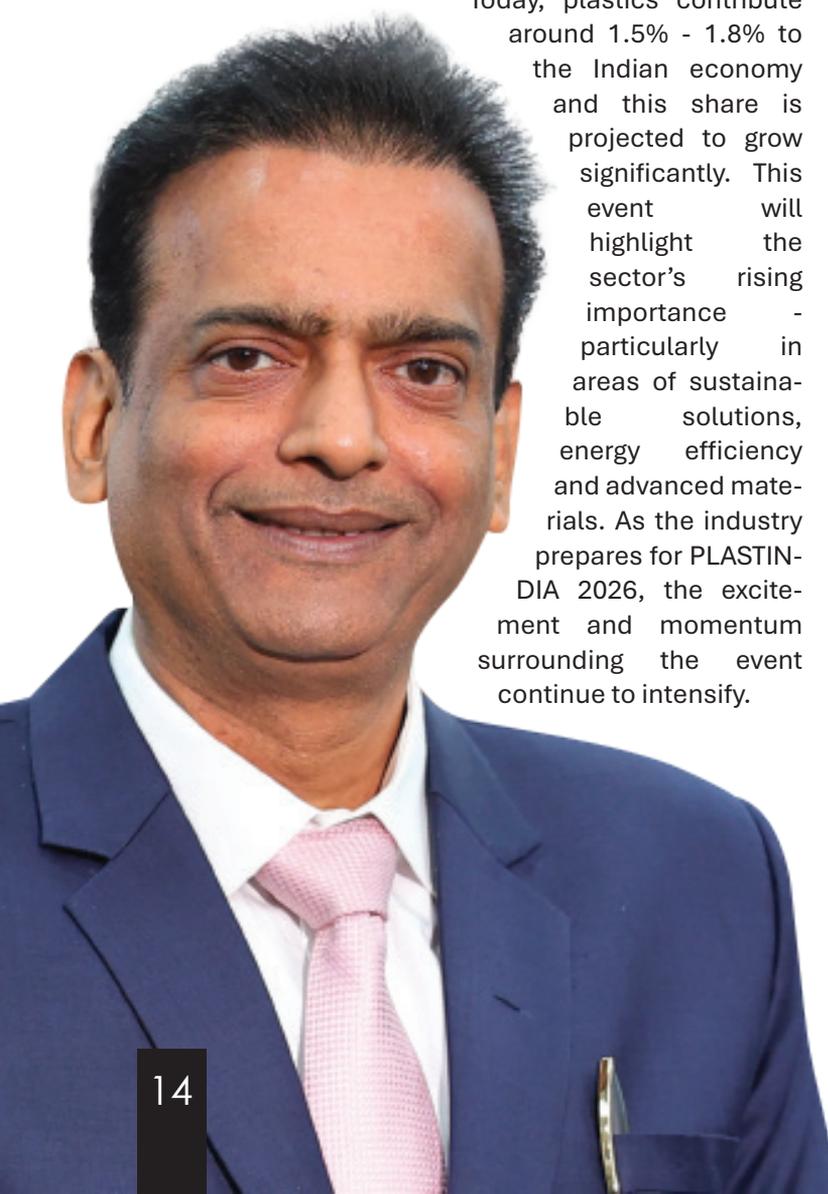
Industry Connect

At a recent event in New Delhi, Plastindia Foundation launched the campaign for PLASTINDIA 2026, followed by the launch event in Kolkata and a special presence in Mumbai.

Speaking at the Delhi launch event, Hon'ble Chief Minister of Delhi, Smt. Rekha Gupta warmly welcomed all participants of PLASTINDIA 2026 to Delhi, assuring them that the city is ready to take care of all their requirements. She appreciated the initiative of making PLASTINDIA 2026 the first-ever zero-waste exhibition and urged the plastics industry to support the vision of transforming Delhi into a zero-waste city. In line with this commitment, Plastindia Foundation has partnered with Saahas Waste Management Pvt. Ltd. to deliver end-to-end services for achieving the zero-waste goal at PLASTINDIA 2026. Smt. Rekha Gupta added, "The plastics industry is deeply embedded in our daily lives. By adopting advanced technologies and sustainable practices, the industry can address pollution challenges and directly contribute to making Delhi cleaner, greener and globally attractive." In a special moment during the grand launch, Smt. Rekha Gupta officially opened the visitor registration for PLASTINDIA 2026 and Plastindia Foundation is delighted to have her as the first registrant for the show.

Meanwhile, the Kolkata roadshow was graced by Mr. Janab Firhad Hakim, Hon'ble Mayor of Kolkata and Minister for Urban Development & Municipal Affairs, Government of West Bengal. Held in collaboration with the Indian Plastics Federation (IPF), the event unveiled the grand vision for PLASTINDIA 2026.

PLASTINDIA 2026 also marked a proud moment at the PLEXCONCIL's Exports Excellence Awards Ceremony in Mumbai as Ravish Kamath, President, Plastindia Foun-



dation and Alok Tibrewala, Chairman - National Executive Council, PLASTINDIA 2026 formally handed over the PLASTINDIA 2026 visitor badge to Shri Piyush Goyal, Hon'ble Minister of Commerce & Industry, Government of India.

Strong International Participation

PLASTINDIA 2026 continues to attract strong international participation. Of the total exhibition space of 75,000 sq. mts., Indian exhibitors will showcase their strength across 60,000 sq. mts., with 30,000 sq. mts. allocated specifically to machinery manufacturers. International exhibitors, participating from 45 countries, will occupy more than 15,000 sq. mts. - around 6,000 sq. mts. from German / European companies, another around 6,000 sq. mts. from Asia, the Middle East and the rest of the world.

A key highlight will be the Reverse Buyers Sellers Meet, where global buyers with substantial purchasing potential will visit India to explore sourcing opportunities. This is expected to be a game-changer, driving new trade relationships and strengthening India's global footprint.



Bringing Innovation Out of Classrooms and Into the Mainstream

Shri Piyush Goyal, Hon'ble Minister of Commerce & Industry, Government of India launched the IIM Calcutta Innovation Park (IIMCIP) and Plastindia Foundation's 'Startup Search Initiative', with a focus on innovation and sustainability. The initiative aims to connect innovators and entrepreneurs with investors and partners. The programme seeks to foster growth in the plastics industry by linking start-ups with funding and industrial support.

"The government is committed to strengthening India's deep tech ecosystem, enhancing ease-of-doing business, reducing compliance burdens, and promoting innovation and entrepreneurship. I hope this initiative will help the plastics industry take a decisive leap towards ensuring 100% reuse and recycling of plastics, in line with India's national sustainability goals and growing global demand for circular and environmentally responsible products," conveyed Shri Piyush Goyal.

"As per the Plastindia Foundation's collaboration with IIM Calcutta, the 'Startup Search Initiative' programme under the National Innovation Challenge will identify high-potential start-ups in plastics, recycling, materials, sustainability and the circular economy. Top 10 start-ups will receive over Rs. 2 lakh prize money each. Winning start-ups will also receive exclusive mentorship from IIM Calcutta," said Ravish Kamath, President, Plastindia Foundation.

"The start-up initiative has been designed to accelerate breakthrough ideas and support India's innovation ecosystem, with the objective of driving growth and innovation within the Indian plastics sector by providing a platform for start-ups to gain visibility and connect with key players. The selected start-ups will have the opportunity to showcase their solutions at PLASTINDIA 2026 - India's largest plastics event to be held in New Delhi next year," said Alok Tibrewala, Chairman, National Executive Council.



Championing Circularity and Sustainability

One of the strongest messages of PLASTINDIA 2026 is its commitment to zero waste and complete circularity. The event aims to show the world that plastics, when handled responsibly, are part of a sustainable ecosystem.

From material handling and recycling demonstrations to waste segregation and responsible processing methods, the event underscores how innovation and awareness can transform the way plastics are viewed globally.

PLASTINDIA 2026 is set to be the largest exhibition ever hosted at Bharat Mandapam and, in full alignment with the Hon'ble Prime Minister's Swachh Bharat Mission, will be the first 'Zero-Waste' plastics exhibition in India.

PLASTINDIA 2026 Mobile App - Just for You

Developed to streamline the expected 6,00,000 visitor experience, the PLASTINDIA 2026 mobile app offers a range of practical features, including smart navigation

that functions without internet access. The app allows users to locate exhibitors, halls and conference areas through interactive floor maps and GPS guidance.

One of its notable features enables visitors to find colleagues or contacts within the venue using QR codes placed at multiple locations. The app also facilitates quick digital registration, helping participants avoid queues at entry points.

For business networking, the app allows users to scan delegate badges or exhibitor QR codes to exchange details digitally. Visitors can also use the app to search for exhibitors through AI-based filters, receive relevant recommendations and manage meeting schedules or personal notes in one place.

In addition, the app provides real-time notifications about sessions, product launches and announcements during the event. Visitors can also place food orders through the app, helping them save time during busy hours.

Alok Tibrewala

Chairman - National Executive Council,
PLASTINDIA 2026



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PLASTINDIA 2026TM LAUNCH FUNCTION

AT KOLKATA



The journey toward PLASTINDIA 2026—India’s premier international plastics exhibition and convention—advanced with remarkable momentum at its grand Kolkata Launch held on 12th November 2025 at JW Marriott, Kolkata. The event gathered more than 550 industry leaders, manufacturers, processors, policy influencers, and trade representatives, marking an energetic beginning to the preparations for the mega exhibition scheduled from February 5–10, 2026 at Bharat Mandapam, New Delhi.

The evening commenced with the National Anthem followed by the ceremonial lamp lighting, symbolising prosperity, unity, and a fresh beginning for an event poised to influence the global plastics landscape. Shri Vineet Gupta, Chairman – Plastindia Promotion, welcomed all dignitaries with a spirited message, highlighting the unprecedented collaboration between regional and national bodies. He emphasised how Plastindia 2026 is already witnessing extraordinary traction, with projections of over 3,500 exhibitors, more than 2,50,000 visitors, and participation from over 50 countries—clear indicators of India’s rising prominence in the global plastics ecosystem.

Shri Amit Kumar Agarwal, President – Indian Plastics Federation (IPF), delivered a heartfelt address on IPF’s legacy as the backbone of the plastics industry in Eastern India. He recalled the pioneering 1982 Plastics Exhibition organised by IPF, long before global-scale shows existed in India, and underscored IPF’s foundational role in the establishment of the Plastindia Foundation. He expressed sincere gratitude to Hon’ble

Minister, Shri Firhad Hakim, Dept. of Urban Development & Municipal Affairs and Housing, Govt. of West Bengal for his unwavering support spanning over four decades and commended Shri Alok Tibrewala’s visionary leadership in steering Plastindia 2026 toward becoming the world’s first Zero-Waste Plastics Exhibition. He urged the fraternity to unite in showcasing



India’s manufacturing excellence, technological strength, and sustainability leadership on a global stage.



Shri Ravish Kamat, President – Plastindia Foundation, delivered an insightful overview of India’s rapid rise in the global plastics industry. He revealed that India’s plastics exports have been growing consistently at 12–15% annually, supported by strong domestic consumption, capacity expansions, improved quality standards, and increasing global trust in Indian products. Today, Indian plastic and polymer products reach over 110 countries across the world, with several categories—such as packaging films, pipes, woven sacks, moulded components, and household plastics—recording double-digit year-on-year export growth. He emphasised that India is transitioning from a cost-competitive supplier to a value-driven global partner through investment in automation, advanced materials, sustainability initiatives, and circular economy practices. He reiterated that Plastindia 2026 will serve as a global bridge connecting Indian manufacturers with international buyers, technology leaders, and innovators.

Shri Alok Tibrewala, Chairman – NEC 2026, delivered one of the most anticipated addresses of the evening. He outlined the ambitious vision for Plastindia 2026, which is positioned to become the world’s largest plastics exhibition. With over 1,50,000 sq. meters of exhibition space, a 40% rise in expected international exhibitors, and large-scale participation from global machinery manufacturers and advanced polymer innovators, the event is set to be a defining milestone. A major highlight of his address was the mission to make Plastindia 2026 the world’s first Zero-Waste Exhibition. He detailed a comprehensive sustainability framework focusing on waste minimisation, large-scale recycling integration, efficient energy and resource management, and the extensive use of digital systems to reduce paper consumption. He also announced an exciting collaboration with IIM to launch a Startup Innovation Challenge designed to encourage breakthrough

ideas from young entrepreneurs in plastics, recycling, materials science, and sustainability.

Shri Tibrewala drew attention to Bengal’s fast-growing leadership in the plastics value chain. He noted that Bengal is emerging as one of the most attractive destinations for modern plastics manufacturing due to its skilled and cost-effective workforce, industrial heritage, and strong ecosystem for moulding, packaging, and recycling. The state’s growing logistical connectivity, strategic geographic advantage, and the proactive, industry-friendly policies of the Government of West Bengal have significantly boosted investor interest from across India and abroad. He highlighted that Bengal is not just contributing to India’s growth but is poised to lead it in several segments of the plastics industry.

Janab Firhad Hakim reaffirmed his long-standing association with the plastics fraternity by sharing that plastics had supported his family for over four decades. He expressed immense respect for the industry and assured unwavering governmental support. He fondly referred to Shri Alok Tibrewala as the “Ambassador of Bengal,” praising his dedication, leadership, and vision. He expressed keen enthusiasm for attending Plastindia 2026, maintaining his long tradition of supporting the sector.

Shri Raju Desai, Vice President – Plastindia Foundation, concluded the formal program with a heartfelt Vote of Thanks, expressing gratitude to all dignitaries, delegates, partners, and participants for making the Kolkata Launch a resounding success. He acknowledged the overwhelming response, which saw attendance from over 550 members of the plastics fraternity, reflecting the region’s strong engagement and commitment.

Earlier in the day, a well-attended Press Meet featuring



Shri Alok Tibrewala, Shri Ravish Kamat, and Shri Amit Kumar Agarwal briefed media representatives on the vision for Plastindia 2026 and the remarkable developments in India's plastics sector. It was mentioned that although invited as Guest of Honour, Smt. Vandana Yadav, IAS, could not attend due to official commitments.

The evening concluded with a vibrant networking dinner, providing an excellent platform for industry stakeholders to exchange ideas, explore partnerships,



and develop collaborative opportunities as they prepare for Plastindia 2026.

The Kolkata Launch laid a powerful foundation of unity, optimism, and forward-looking enthusiasm. With exceptional participation from industry leaders and strong support from the government, Plastindia 2026 is poised to emerge as a landmark global event—driving innovation, sustainability, international collaboration, and India's accelerated rise as a global plastics powerhouse.



INDIA'S PLASTICS EXPORT

OCTOBER 2025



THE PLASTICS EXPORT PROMOTION COUNCIL

(Sponsored by Department of Commerce, Govt. of India)

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Andheri Kurla Road, Andheri East, Mumbai

Maharashtra 400 059, INDIA

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KEY FINDINGS

Plastic exports posted second consecutive monthly decline during October 2025 as shipments to the major market, USA, was adversely affected by the hike in tariff

During the month, plastic exports fell 15.1% led by decline in shipment of all product panels, except Miscellaneous items (which managed to post 15.4% growth)

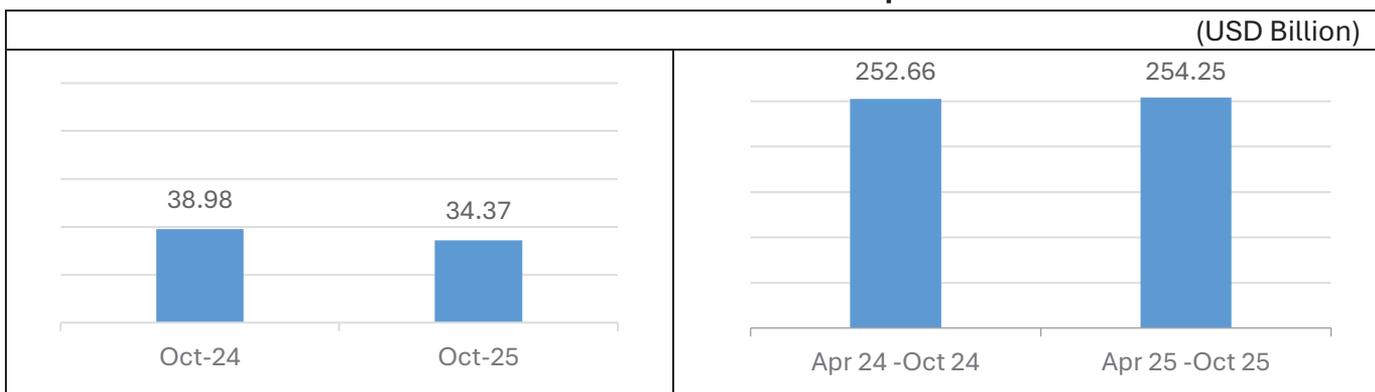
In the Miscellaneous category, there was a sharp growth in export of Optical Fibres and Cables (HS 90011000) because of strong demand in USA (despite the tariff hike)

TREND IN OVERALL EXPORTS

India's merchandise exports posted 11.82% decline to USD 34.37 billion in October 2025 from USD 38.98 billion in the year ago month because of contraction in shipments of major categories such as petroleum, engineering goods, gems & jewellery, chemicals, textiles, handicrafts and most of the agro commodities. The fall in exports comes amidst the imposition of additional tariff by USA, which is the largest market for Indian goods.

During April-October 2025, exports posted 0.63% growth to USD 254.25 billion from the year ago period.

Exhibit 1: Trend in overall merchandise exports from India



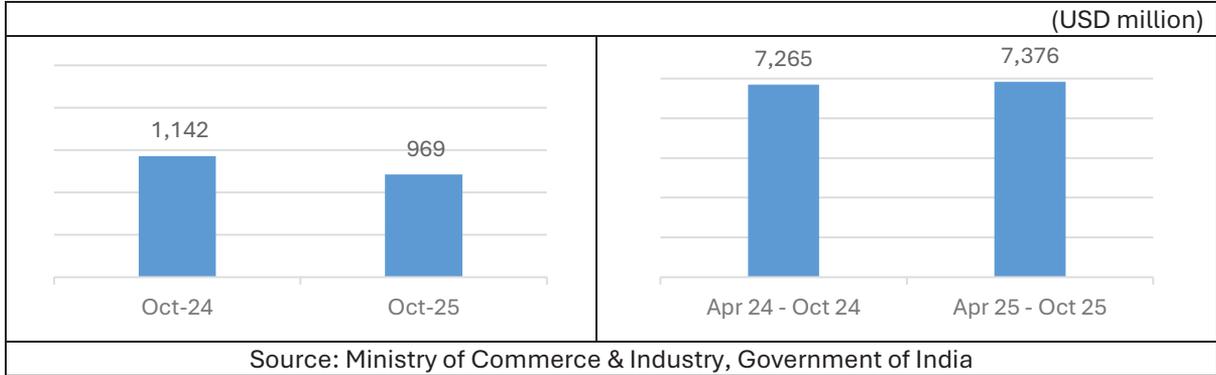
Source: Ministry of Commerce & Industry, Government of India

Disclaimer: This report has been prepared on the basis of export data received from the Ministry of Commerce & Industry, Government of India.

TREND IN PLASTICS EXPORT

During October 2025, India’s plastic exports declined 15.1% to USD 969 million from USD 1,142 million in the year ago month. However, cumulative exports during April-October 2025 posted 1.5% growth to USD 7,376 million from USD 7,265 million in the year ago period as exporters frontloaded shipments to USA ahead of the implementation of the additional US tariff.

Exhibit 2: Trend in plastics export by India



PLASTICS EXPORT, BY PANEL

In October 2025, export of all the product panels witnessed decline except Miscellaneous products and items. Notably, there was sharp fall in exports of films and sheets, raw materials, floorcovering & laminates during the month. Miscellaneous item is the only product panel that managed to post positive growth (15.4%) in October 2025.

Exhibit 3: Panel-wise % growth in plastics export by India

| Panel | Oct-24 | Oct -25 | Growth | Apr 24- Oct -24 | Apr 25- Oct -25 | Growth |
|---|----------------|--------------|---------------|--------------------|--------------------|--------------|
| | USD million | USD million | % | USD million | USD million | % |
| Consumer & houseware products | 71.4 | 64.8 | -9.2% | 449.3 | 504.5 | +12.3% |
| Cordage, fishnets & monofilaments | 29.6 | 22.6 | -23.4% | 178.5 | 162.1 | -9.2% |
| FIBC, Woven sacks, Woven fabrics, Tarpaulin | 149.4 | 140.9 | -5.7% | 893.6 | 1,045.8 | +17.0% |
| Floorcoverings, leathercloth & laminates | 68.0 | 44.5 | -34.6% | 446.0 | 401.1 | -10.1% |
| FRP & Composites | 45.0 | 39.3 | -12.6% | 312.3 | 292.4 | -6.4% |
| Human hair & related products | 76.6 | 74.5 | -2.8% | 428.5 | 511.2 | +19.3% |
| Medical items of plastics | 50.4 | 45.0 | -10.7% | 327.3 | 328.8 | +0.4% |
| Miscellaneous products and items nes | 61.9 | 71.4 | +15.4% | 392.9 | 505.7 | +28.7% |
| Packaging items - flexible, rigid | 62.0 | 52.1 | -16.0% | 398.2 | 413.0 | +3.7% |
| Plastic films and sheets | 176.9 | 139.3 | -21.3% | 1,197.9 | 1,100.2 | -8.2% |
| Plastic pipes & fittings | 32.2 | 25.4 | -21.2% | 194.1 | 182.2 | -6.1% |
| Plastic raw materials | 295.5 | 232.8 | -21.2% | 1,868.6 | 1,787.2 | -4.4% |
| Writing instruments & stationery | 23.1 | 16.4 | -29.1% | 177.5 | 141.7 | -20.2% |
| Total | 1,141.9 | 968.9 | -15.1% | 7,264.8 | 7,375.8 | +1.5% |

Source: Ministry of Commerce & Industry, Government of India

Export of **Consumer & Houseware Products** declined 9.2% led by sharp decline in shipment of tableware and kitchenware (HS 39241090) to USA; USA accounts for 25% of India’s total exports of this product. There was also fall in export of other products such as Tooth Brushes (HS 96032100), Other Household and Toilet Articles (HS 39249090) to USA.

Export of **Cordage, Fishnets & Monofilaments** fell 23.4% because of weak demand for Other Cordage (HS 56074900) in USA and UAE. Shipment of Mono-filament related plastic products (HS 39169028) was also affected by rise in the US tariff. Exporters also faced decline in order inflows for other related products (HS 39169090) in Bangladesh.

FIBC, Woven Sacks and Woven Fabrics exports declined 5.7% led by fall in sales of Other Woven Fabrics (HS 54072090), Sacks & Bags (HS 39232990), FIBC products (HS 63053200) to USA, which is the principal market for these products.

Export of **Floor Covering, Leather Cloth and Laminates** fell 34.6% because of remarkable contraction in shipment of Other Fabrics (HS 59039090) and Other PVC Floorcovering (HS 39181090) to USA. There was also weak demand for Other PVC Coated Fabrics (HS 59031090) in UAE, apart from USA.

Export of **FRP and Composites** contracted 12.6% led by sharp decline in shipment of Other Plastic Articles (HS 39269099) to USA, which is the leading market, accounting for more than 40% of India's exports in this category.

Export of **Human Hair & Related Products** fell 2.8% because of decline in sales of Dressed or Worked Human Hair (HS 67030010) to USA. There is also weak demand for this product in Paraguay, which is one of the top 5 export destinations for this product.

Medical Items of Plastics posted 10.7% decline in exports because of fall in sales of Cannulae (HS 90183930), Catheters (HS 90183910) and other products to USA. There was also weak demand for other Medical items such as Blood Transfusion Apparatus (HS 90189032) in Belgium and other markets, besides USA.

Miscellaneous Products & Items n.e.s. is the only panel that posted positive growth (15.4%) during the month because of more than 3-fold growth in shipment of Optical fibres and cables (HS 90011000) to USA despite the hike in US tariff. USA is the leading market as 28% of Indian shipment goes to this market for this product (HS '90011000). There was also strong demand for PVC Belt Conveyor (HS 39269010) in Canada.

Packaging Items – Flexible and Rigid witnessed 16% decline in exports because of sharp fall in shipments of Sacks & Bags of Polyethylene (HS

39232100) to USA, which accounts for more than 50% of India's exports. There is also weak demand for this product in UK, which is one of the leading markets. Exporters are also facing weak order inflows from neighbouring countries such as Sri Lanka and Nepal for Bottle Caps and Closures (HS 39235010)

Shipments of **Plastic Films & Sheets** fell 21.3% during the month because of sharp decline in export of PET Films and Sheets (HS 39206220), Propylene Plates & Sheets (HS 39202090), Plain, Flexible Plates & Sheets (HS 39202020) to USA. There is also weak demand for Plain, Flexible Plates & Sheets (HS 39202020) in Mexico and Spain.

Exports of **Plastic Pipes & Fittings** have fallen 21.2% because of decline in sales of Flexible Tubes, Pipes and Hoses (HS 39173100) and Other Tubes Pipes and Hoses (HS 39173990) to USA. There is also weak demand for plastic fittings for Tubes, Pipes and Hoses in Nepal, Saudi Arabia and Bangladesh in recent months. Indian exporters have also faced slowdown in orders from Iraq, Mexico and Oman for Other Tubes and Pipes (HS 39172390)

Exports of **Plastic Raw Materials** witnessed 21.2% contraction in October 2025 led by weak demand for Other Acrylic Polymers (HS 39069090) in South Africa, Bangladesh and UAE. There was also decline in export of other raw materials such as Polytetrafluoroethylene (HS 39076190) to UAE. Demand for Polypropylene (HS 39021000) was also weak in key markets such as Turkey, Nepal, Viet Nam and in neighbouring markets such as Sri Lanka and Bangladesh.

Exports of **Writing Instruments & Stationery** fell 29.1% in October 2025 led by lower shipment of Felt-tipped and other porous tipped pens (HS 96082000) and Other Ball Point Pens (HS 96081019) to USA. There is also weak demand for Other Ball Point Pens (HS 96081019) in Algeria, Other Ball Point Pens without Liquid Inks (HS 96081099) in Brazil and USA.

Exhibit 4: Details of % change seen in top 50 items of export

| HS Code | Description | Apr 24- Oct-24 | Apr 25- Oct 25 | Growth |
|----------|--|-------------------|-------------------|--------|
| | | Values in USD Mn | | (%) |
| 63053200 | Flexible intermediate bulk containers | 530.9 | 635.7 | +19.7% |
| 67030010 | Human hair, dressed, thinned, bleached or otherwise worked | 317.6 | 349.8 | +10.1% |
| 39269099 | Other articles of plastics n.e.s | 308.3 | 288.3 | -6.5% |
| 39232990 | Other sacks and bags of plastics excl. those of polymers of ethylene | 273.1 | 316.9 | +16.1% |

| HS Code | Description | Apr 24- Oct-24 | Apr 25- Oct 25 | Growth |
|----------|---|-------------------|-------------------|--------|
| | | Values in USD Mn | | (%) |
| 39021000 | Polypropylene | 226.9 | 160.8 | -29.1% |
| 39076190 | Other primary form of polyethylene terephthalate | 189.2 | 150.8 | -20.3% |
| 48239019 | Decorative laminates | 188.0 | 201.8 | +7.4% |
| 90011000 | Optical fibres, optical fibre bundles and cables | 174.9 | 277.7 | +58.8% |
| 39206220 | Flexible and plain sheets and film of non-cellular polyethylene terephthalate | 158.4 | 114.8 | -27.5% |
| 39269080 | Polypropylene articles | 149.3 | 147.3 | -1.3% |
| 39069090 | Other acrylic polymers, in primary forms | 145.6 | 136.0 | -6.6% |
| 39202020 | Flexible and plain sheets and film of non-cellular polymers of ethylene, not reinforced | 139.7 | 112.6 | -19.4% |
| 59039090 | Sacks and bags, incl. cones, of polymers of ethylene | 124.6 | 92.7 | -25.5% |
| 39232100 | Other textile fabrics impregnated, coated, covered or laminated with plastics other than polyvinyl chloride or polyurethane | 129.8 | 124.1 | -4.3% |
| 39239090 | Other articles for the conveyance or packaging of goods, of plastics | 121.2 | 125.0 | +3.1% |
| 05010010 | Human hair, unworked | 108.1 | 158.8 | +46.9% |
| 39014010 | Linear low density polyethylene (LLDPE) | 101.1 | 72.4 | -28.4% |
| 39202090 | Films and sheets of non-cellular polymers of ethylene, not reinforced | 98.3 | 89.6 | -8.8% |
| 90015000 | Spectacle lenses of materials other than glass | 95.1 | 96.8 | +1.8% |
| 90183930 | Cannulae | 84.1 | 98.8 | +17.5% |
| 39012000 | Polyethylene with a specific gravity of $\geq 0,94$, | 86.0 | 68.9 | -20.0% |
| 39219099 | Other sheets and film of plastics, reinforced, laminated, supported or similarly combined with other materials, unworked | 86.3 | 74.4 | -13.8% |
| 96081019 | Ball-point pens | 82.7 | 73.1 | -11.6% |
| 39199090 | Other self-adhesive sheets and film of plastics, whether or not in rolls > 20 cm wide | 75.3 | 63.5 | -15.7% |
| 56074900 | Twine, cordage, ropes and cables of polyethylene or polypropylene | 75.6 | 67.3 | -11.0% |
| 39046100 | Polytetrafluoroethylene | 75.5 | 82.1 | +8.7% |
| 54072090 | Woven fabrics of strip or the like, of synthetic filament, incl. monofilament of ≥ 67 decitex and with a cross sectional dimension of ≤ 1 mm: Other | 73.3 | 66.7 | -9.0% |
| 39076990 | Other primary form of polyethylene terephthalate | 71.9 | 69.0 | -4.1% |
| 39129090 | Other cellulose and chemical derivatives thereof, n.e.s., in primary forms | 66.8 | 78.8 | +18.0% |
| 39219094 | Flexible and metallised sheets and film of plastics, reinforced, laminated, supported or similarly combined with other materials, unworked | 67.5 | 59.0 | -12.6% |

| HS Code | Description | Apr 24- Oct-24 | Apr 25- Oct 25 | Growth |
|----------|---|-------------------|-------------------|--------|
| | | Values in USD Mn | | (%) |
| 39181090 | Other floor coverings, whether or not self-adhesive, in rolls or in the form of tiles, and wall or ceiling coverings in rolls with a width of >= 45 cm, of polymers of vinyl chloride | 65.2 | 39.8 | -39.0% |
| 39046990 | Other fluoro-polymers of vinyl chloride or of other halogenated olefins, in primary forms | 63.1 | 59.9 | -5.1% |
| 39241090 | Other tableware and kitchenware, of plastics | 59.6 | 57.5 | -3.5% |
| 39206919 | Other sheets and film of non-cellular polyesters, not reinforced, laminated, supported | 57.1 | 63.9 | +12.0% |
| 39206290 | Other sheets and film of non-cellular polyethylene terephthalate, not reinforced, laminated, supported | 54.9 | 48.1 | -12.4% |
| 39072990 | Other polyethers n.e.s | 46.6 | 55.3 | +18.8% |
| 39140020 | Ion-exchangers based on polymers of heading 3901 to 3913, in primary forms: Ion exchangers of polymerisation or | 52.1 | 50.6 | -2.9% |
| 39095000 | Polyurethanes, in primary forms | 50.0 | 50.5 | +0.9% |
| 39206929 | Plates, sheets, film, foil and strip, of non-cellular polyesters, not reinforced, laminated, supported | 52.0 | 48.7 | -6.4% |
| 39204900 | Sheets and film of non-cellular polymers of vinyl chloride, containing by weight < 6% of plasticisers, not reinforced | 48.1 | 47.3 | -1.7% |
| 96032100 | Toothbrushes | 42.7 | 53.2 | +24.5% |
| 39119090 | Other polysulphides, polysulphones and other polymers and prepolymers produced by chemical synthesis, n.e.s. | 48.1 | 51.4 | +6.8% |
| 59031090 | Other textile fabrics impregnated, coated, covered or laminated with polyvinyl chloride | 45.2 | 45.2 | -0.0% |
| 39219096 | Flexible and laminated sheets and film of plastics, reinforced, laminated, supported or similarly combined with other materials | 46.1 | 51.1 | +10.8% |
| 39201019 | Other sheets and film of non-cellular plastics | 45.7 | 50.7 | +10.8% |
| 39235010 | Caps and closures for bottles | 45.0 | 40.7 | -9.6% |
| 39011090 | Other polyethylene with a specific gravity of < 0.94 | 41.2 | 51.2 | +24.1% |
| 39172390 | Rigid tubes, pipes and hoses, and fittings therefor, of polymers of vinyl chloride: Other | 43.0 | 43.4 | +0.7% |
| 39076930 | PET flake (chip) | 37.2 | 50.5 | +35.7% |
| 39241010 | Tableware and kitchenware, of plastics: Insulated ware | 34.2 | 41.9 | +22.6% |

Source: Ministry of Commerce & Industry, Government of India

Exhibit 5: Reasons for major decline in plastic products exports

| HS Code | Description | Apr 24- Oct 24 | Apr 25 – Oct 25 | Reasons for decline |
|----------|--|-------------------|--------------------|--|
| | | (USD Mn) | | |
| 39021000 | Polypropylene, in primary forms | 226.9 | 160.8 | Exports have fallen due to sharp decline in shipments to Bangladesh, Sri Lanka and also other major destinations such as Turkey and Portugal. Also, India is import-dependent for this raw material because of insufficient local production capacity to meet growing domestic demand; As a result, exporters have focused more on meeting domestic demand and have scaled down their exports. |
| 39206220 | Flexible & plain sheets & film of non-cellular PET | 158.4 | 114.8 | Exports have declined due to lower shipments to USA amidst the hike in tariff. Shipments have fallen also because of lower demand in Italy and Spain, which are the other leading markets for this product. |
| 39076190 | Other primary form | 189.2 | 150.8 | Shipments have fallen because exporters have chosen to meet growing domestic demand for this raw material. Even though India is a net exporter of this material, there has been growing demand in processing industries such as automotive, electrical, aerospace, medical devices, food processing, chemical, industrial machinery and so on. Growing domestic demand is reflected in rising imports, which has more than doubled from USD 99 million in FY23 to USD 223 million in FY25. |
| 59039090 | Sacks and bags of polymers of ethylene | 124.6 | 92.7 | Exports have fallen because of sharp decline in shipment to USA, which is the leading market for this product. Exports have fallen remarkably in September and October this year. Particularly, in October, exports have fallen nearly 80% to USA. |
| 39014010 | Linear low density polyethylene (LLDPE) | 101.1 | 72.4 | Exports have fallen because exporters have chosen to meet domestic demand in response to shortage of this raw material in the local market. There is growing domestic demand for this product, which is reflected in its rising import; Import of this product has grown to USD 214 million in April-October 2025 from USD 158 million in the year ago period. |
| 39202020 | Flexible and plain sheets and film of non-cellular polymers of ethylene | 139.7 | 112.6 | Exports have fallen because of lower demand in Mexico, Spain and Colombia during this period. Also, the hike in US tariff affected shipments as USA is the topmost destination for this product. |
| 39181090 | Other floor coverings in rolls with a width of >= 45 cm, of polymers of vinyl chloride | 65.2 | 39.8 | Exports have fallen sharply because of weak demand in USA, especially in the last two months after the imposition of additional tariff. In October 2025, India's exports of this product to USA fell 87%, while it fell nearly 90% in September 2025. |

Source: Ministry of Commerce & Industry, Government of India, Plexconcil Research

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योग: कर्मसु कौशलम्

WHAT KIND OF LIFE DOES

SHRI KRISHNA

TELL US TO LIVE?



Shri Krishna shows us better ways to live life, which you can use to make the flute of life even more melodious through your actions. Friends, as you know, karma is scattered all around us. Our past, present, and future are bound by our actions.

We cannot escape this. We must perform our actions under any circumstances, because not doing anything is also an action, and how can half-hearted actions bring us complete happiness? Therefore, when you undertake a task, complete it under any circumstances. This is not a compulsion, but a joy for our body, mind, and soul. Through this teaching, Krishna wants to convey this message to all of us: by adopting it in our lives, we can achieve happiness by completing every task under any circumstances.

1. Remember, not every bamboo can become a flute:

As you know, a flute is a musical instrument made from bamboo, but not every bamboo can become a flute. A flute is made only from bamboo that can completely empty itself. Similarly, harboring any knot of ego, stubbornness, or jealousy within us cannot make our lives as melodious as a flute. Our struggles, sorrows, and pain are the holes in the flute, through which our actions pass, producing a sweet echo.

- A flute is made only from bamboo that can completely empty itself. Similarly, harboring any knot of ego, stubbornness, or jealousy within us cannot make our lives as melodious as a flute.
- Our struggles, sorrows, and pain are the holes in the flute, through which our actions pass, producing a sweet echo.

- The biggest key to Shri Krishna's successful strategy is efficiency. In this, you can make yourself skilled by gaining specialized knowledge in any field and maintain a practical mindset. This will be the greatest strength of your abilities.

2. Learn to smile even in bad times:

Lord Krishna wants to tell us all that we should do our work with a smile even on the battlefield (i.e., in life's difficult moments). We should not appear afraid, sad, or crying under any circumstances. If you do your work even when you are overwhelmed, you will be seen moving forward in the next moment. Krishna emphasizes living close to nature. Doing work accordingly takes us to our potential. When we are completely absorbed in our work and do it wholeheartedly, we are not engulfed in stress and worries, no matter what the outcome.

- We should do our work with a smile even on the battlefield.
- If you do your work even when you are overwhelmed, you will be seen moving forward in the next moment.
- Doing work takes us to our potential. When we are completely absorbed in our work and do it wholeheartedly, whatever the outcome, we are not burdened by stress and worry.

3. Do your work because it is in your hands:

In "Karmanyavadhikaraste Ma Phaleshu," Krishna says that first do your work, and only do your work, because it is in your hands. The task of producing the results is in someone else's hands. Not desiring the results does not mean that you should not perform your work. This principle of cause and effect applies everywhere. When your actions are better, the results will be much better.

- Do your work first, and only do your work, because it is in your hands. The task of producing the results is in someone else's hands.
- ... Krishna says, "Yoga: Karmasu Kaushalam," meaning that work done with complete skill is yoga. This means we should work and do it well. Do it with a calm and steady mind. When you work in this way, you will learn to live every moment to the fullest and not feel defeated.
- Let go of all worries and focus solely on your actions.
- Work done with complete skill is yoga.
- When you work in this way, you will learn to live every moment to the fullest and not feel defeated.

5. Every person can become Krishna:

Every person in this world is different, but the biggest problem is that we start worrying about the future and then try to be like someone else without even doing any work, which is wrong. Osho says, "Every person is Krishna," but we don't want to meet the Krishna within us. We want to worship Krishna, but we don't want to be Krishna. To become Krishna, it is necessary to work. But our efforts are still lacking, that is why Krishna remains within us.

- "Every person is Krishna, but we do not want to meet the Krishna within us. We want to worship Krishna, but we do not want to become Krishna. To become Krishna, it is necessary to do karma.
- Without doing any karma, we start worrying about the future and then try to be like someone else, which is wrong.
- We should keep trying till the end, even if the result is defeat. But if we do not try at all, then that will be our real defeat.

Mr. Ramesh Rateria -





eewaengineering

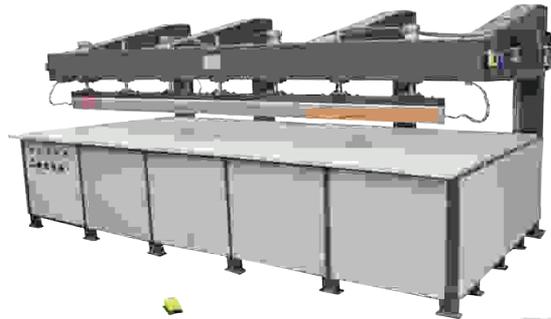
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LOGISTICS

A STRATEGIC LINCHPIN FOR INDIA'S PLASTICS INDUSTRY AMID U.S. TARIFF PRESSURES

The Indian plastics industry is one of the fastest-growing manufacturing sectors in the country. It spans the production and processing of polymers, packaging materials, consumer goods, automotive components, medical devices, industrial parts, and recycled plastics. India is the 5th largest plastics producer in the world contributing significantly to sectors like packaging, FMCG, agriculture, healthcare, automotive, electronics, and infrastructure

India is a major exporter of polymers, plastic films, moulded products, packaging materials, pipes, and recycled materials. In the changing global trade environment, logistics is no longer just a back-office function—it is a critical strategic lever. For India's plastics industry, the recent sharp increase in U.S. tariffs on Indian goods heightens the importance of supply-chain agility, smart routing, and cost-efficient operations. In this article I am putting my perspective as a logistician exploring how logistics can make or break competitiveness for plastics firms in India under the new tariff regime.

The plastics supply chain is complex, multi-layered, and time sensitive. Logistics plays a central role in ensuring efficiency and competitiveness across all stages—from polymer sourcing to final delivery. In this article I am concentrating on Export Competitiveness Under new U.S. tariffs, optimized logistics reduces cost pressure and protects margins.

What's changing: U.S. tariffs and India's plastics sector



The United States has introduced substantial new tariffs on Indian exports. From 27 August 2025, many Indian goods face as much as 50 % additional duty when entering the U.S. market.

Although the headlines often focus on textiles, jewellery or leather, the plastics and polymers sector is also impacted. The plastics industry is seeing changes in resin flows, component imports and export dynamics. These tariffs raise the landed cost of plastic goods or components exported to the U.S., eroding competitiveness.

Why logistics matters now more than ever

For Indian plastics manufacturers, converters, recyclers and exporters, logistics is emerging as a differentiator. Here's why:

1. **Cost and time pressures are magnified**
When tariffs add say 50 % to the value of goods, freight, handling, inventory and lead-time become large relative costs. A delay, inefficient warehousing or mis-routed shipment can wipe out competitiveness.
2. **Sourcing and routing flexibility are critical**
Given tariff uncertainty, the ability to shift between suppliers, ports or transport modes (sea, rail, road, intermodal) is vital. Logistics must be designed for flexibility, not just lowest cost.
3. **Export-compliance and documentation become strategic**
Tariff classification, origin documentation, customs procedures and even packaging may affect whether a product is exposed to the hefty duty. Logistics teams must coordinate closely with trade-compliance and customs brokers.
4. **Domestic resilience supports global competitiveness**
With global flows under pressure, firms that build strong domestic inbound logistics (raw materials, scrap, additives) and efficient outbound logistics (to domestic and export markets) gain an edge.

Logistics playbook for India's plastics industry

I am putting down a few tactical logistics strategies that plastics-firms in India needs to prioritise to maintain competitiveness under U.S. tariff pressure:

Map the exposure by Identifying which of your products or components are destined for the U.S. or could face tariff-disadvantage and map landed cost under different tariff/transport scenarios: what happens if the 50 % duty holds?

Analyse alternative destinations and rerouting possibilities.

Optimising the supply-chain design by consider near-sourcing, alternative suppliers, multi-modal transport to reduce cost and lead time for inbound materials. It becomes imperative for us as an exporter to assess whether the U.S. remains viable for specific SKUs or whether you pivot to other markets with lower tariff risk. The entire supply chain strategy needs a rethinking including the modes of transportation to be used, optimising the warehouses being used, reviewing the packaging etc.

Freight and logistics cost (transport, handling, storage) become more visible relative to landed cost. Negotiate long-term freight contracts with flexibility clauses (e.g., for mode-switching) given tariff/volume volatility. Use



technology for shipment visibility, real-time tracking, landed-cost modelling including tariff, logistics, duties.

Given growing U.S. tariff risk, use logistics to enable diversification — alternate export markets.

It is time to treat logistics not as a cost centre, but as a strategic enabler of competitiveness. The need of the hour is to align logistics strategy with trade policy reality like tariffs, trade treaties and geopolitical risk which now influence transport, supplier choice and market access.



It is in the best interests that we Don't assume the U.S. market will remain low-barrier—tariffs can change. Use logistics to pivot quickly.

For India's plastics industry, the steep U.S. tariffs introduced in 2025 raise serious challenges. But they also elevate logistics from a support function to a strategic differentiator. Companies that proactively optimise sourcing, transport, inventory, documentation and market-routing will be better positioned to maintain export competitiveness and defend margins.

In the new normal, logistics isn't just about moving goods — it's about positioning a business for global resilience. For exporters, converters and recyclers in India's plastics sector, that positioning may make the difference between margin erosion and market leadership.

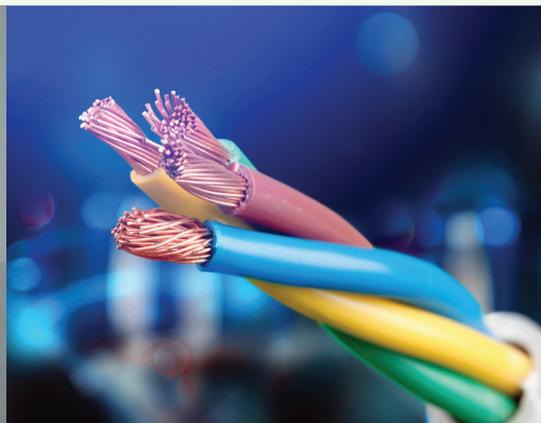
Mr. Sushil Dugar, the author of this article, is a Registered Corporate Coach and a highly experienced professional with over three decades of work experience in the field of logistics, freight forwarding, CFS, and supply chain. He is currently the Chief Operating Officer of SBU - Logistics Services at Balmer Lawrie & Co. Ltd., located at 21 N S Road in Kolkata.



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SCOPE AND GAPS IN THE PLASTIC INDUSTRY IN INDIA

BY MANISH MAHESHWARI, ANUMAN ENGINEERING INDUSTRIES, KOLKATA



The plastic industry is one of the most significant contributors to India's manufacturing sector and plays a critical role in economic growth. India is currently the 6th largest producer of plastics globally, with an estimated plastic consumption of over 20 million metric tonnes per annum (MMTPA). The industry supports more than 50,000 processing units, largely in the small and medium enterprise (SME) segment, and provides direct and indirect employment to over 4 million people.

The packaging sector dominates plastic consumption in India, accounting for approximately 55–60% of total demand. Growth in FMCG, food & beverage, pharmaceuticals, and e-commerce has drawn strong demand for flexible and rigid plastic packaging, particularly PET, HDPE, LDPE, and PP. India's packaging market is growing at an estimated CAGR of 10–12% p.a., indicating sustained future demand for plastic materials.

The construction and infrastructure sector, which contributes around 20% of plastic consumption, presents strong opportunities. PVC pipes, fittings, insulation materials, doors, window profiles, and roofing sheets are increasingly replacing conventional materials due to longer life, corrosion resistance, and lower maintenance costs. Government initiatives such as Housing for All and large infrastructure projects further strengthen this segment.

In agriculture, plastics contribute to water conservation and yield improvement through products like drip irrigation pipes, mulch films, and greenhouse coverings. India has over 10 million hectares under microirrigation, and this area is expected to grow, increasing demand for agri-plastics at a CAGR of 8–10% p.a.

The automotive, electrical, and electronics sectors use engineering plastics such as ABS, polycarbonate, nylon, and polyacetal for light weighing properties and design flexibility. With India becoming the 3rd largest automobile market and electric vehicle adoption accelerating, demand for high-performance plastics is expected to rise sharply.

India also has growing potential in plastic exports, which are valued at approximately USD 10–12 billion annually, with key markets including the USA, Europe, Africa, and the Middle East. Additionally, emerging areas such as recycled plastics, biodegradable polymers, and circular economic solutions offer new investment and innovation opportunities.

Despite its size, the industry faces critical gaps. India generates around 3.5 million tonnes of plastic waste annually, of which only 55–60% is recycled, largely through the informal sector. The lack of organized recycling infrastructure and segregation at source remains a major challenge.

Another gap is technology adoption. Nearly 70% of plastic processing units are SMEs, many operating with outdated machinery, resulting in lower productivity, higher energy consumption, and inconsistent quality.

There is also a shortage of skilled manpower, particularly in polymer engineering, advanced processing, mould design, and sustainable material development. This limits innovation and global competitiveness.

Regulatory challenges related to single-use plastic bans, Extended Producer Responsibility (EPR), and environmental compliance create uncertainty, especially for small manufacturers. Moreover, India continues to depend on imports for specialty and high-end engineering polymers, indicating insufficient domestic R&D and value addition.

The Indian plastic industry has vast growth potential, supported by strong domestic demand, infrastructure development, and export opportunities. However, addressing gaps in waste management, skill development, technology modernization, and sustainable practices is essential. With focused policy support, investment in recycling infrastructure, and innovation in advanced polymers, India can build a globally competitive and environmentally responsible plastic industry.

IPF'S CYBER FRAUD AWARENESS SEMINAR DRAWS STRONG PARTICIPATION AND REINFORCES ITS ONGOING MONTHLY KNOWLEDGE INITIATIVE



The Indian Plastics Federation (IPF) successfully conducted an impactful seminar on **“How to Identify Online Scams in the Digital Economy”** on **11 October 2025** at The Lalit Great Eastern, Kolkata. Organised by the **IPF Seminar Committee** in association with Stock Wave, the event formed an important part of IPF’s ongoing initiative to **educate and empower its members through informative programs organised every month.**

The session began with an inspiring **Welcome Address by the President of IPF**, who emphasised the growing importance of digital vigilance in an increasingly technology-driven world. He reiterated IPF’s commitment to not only supporting the plastics industry but also ensuring that its members remain well-informed on issues that impact both business and personal security.

Experts from Stock Wave delivered an insightful and highly engaging presentation on various types of cyber fraud—including phishing attacks, identity theft, fake trading platforms, digital payment

scams, and sophisticated social engineering tactics. They equipped participants with practical tools and red flags to help them navigate the digital ecosystem safely.



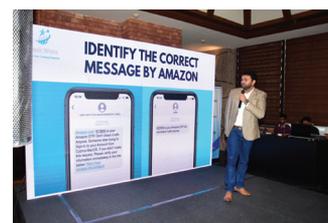
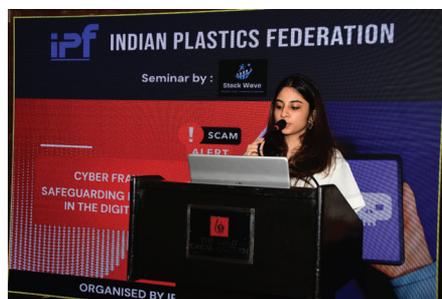
A key highlight of the seminar was the **active participation of attending members**, many of whom shared personal experiences and incidents of cyber scams encountered by themselves or their associates. These genuine accounts made the session deeply relatable and reinforced the urgency of spreading awareness across the community.

The seminar witnessed an impressive turnout with **over 75 members of IPF** attending. The feedback received was overwhelmingly positive, with members appreciating the timeliness of the topic, clarity of content, and the Federation's thoughtful initiative of organising such meaningful knowledge sessions every month.

The event concluded with a gracious **Vote of Thanks delivered by Seminar Committee Member Shri Varun Agarwal**, who expressed gratitude to the speakers, organisers, and members for their enthusiastic support.

The evening then transitioned into a delightful **high tea**, offering a relaxed environment for networking and further discussions.

With this successful seminar, **IPF continues to strengthen its mission of keeping its members informed, educated, and future-ready**. The Federation remains committed to delivering a diverse range of monthly programs that enhance knowledge, encourage participation, and foster a stronger, more aware business community.



SME IPO'S – FUELING GROWTH



A Gathering Focused on Growth & Possibility

On **21st November 2025**, the Indian Plastics Federation (IPF) hosted its flagship seminar “**SME IPOs – Fueling Growth**” at The Lalit Great Eastern, Legacy Hall. Beginning at 3:30 p.m., the event welcomed an enthusiastic audience of entrepreneurs, investors, and industry leaders eager to explore how SME IPOs can shape the next phase of India’s industrial expansion.

Mr. Shyam Lal Agarwal, Vice President, IPF, delivered the welcome address, greeting members who are committed to discovering new pathways of growth. He highlighted that IPF’s seminars are designed not only to educate but also to foster **networking, collaboration, and meaningful professional connections**—key elements that empower entrepreneurs in their business journeys.

Industry Leaders Illuminate the IPO Landscape

The seminar featured an eminent panel from the National Stock Exchange and the financial sector:

- **Mr. Krishnan Iyer**, Senior Vice President & Head of Listing, NSE
- **Mr. Sanjay Bhalotia**, Merchant Banker, Affinity Global Market Ltd.
- **Mr. Avik Gupta**, Chief Manager, NSE

Together, they offered deep insights into SME listing procedures, regulatory requirements, valuation, and post-listing responsibilities. Their guidance demystified the IPO journey and provided attendees with clarity on the opportunities waiting within India’s evolving capital markets.



Building Enduring Value: A Highlight Session

One of the most impactful sessions of the afternoon was led by Mr. Devendra Surana, Founder & Managing Director, Magpet Polymer Pvt. Ltd. His talk, “The Architecture of Building Shareholder Value,” resonated strongly with participants. Blending personal experience with practical strategy, he demonstrated how the decision to go public can transform a business through enhanced governance, credibility, and long-term value creation.



Real Success Stories: Insights from Market Champions

The seminar was further enriched by the presence of distinguished industry leaders:

- Mr. Narrindra Suranna, DDev Plastiks Industries Ltd.
- Mr. Rajeev Goenka, Cool Caps Industries Ltd.
- Mr. Lalit Agrawal, Glen Industries Ltd.



Each shared inspiring accounts of their company’s IPO journey, detailing the challenges, milestones, and breakthroughs that shaped their public-listing success. Their experiences offered participants an authentic, real-world understanding of what it takes to scale from private enterprise to publicly listed powerhouse.

Celebrating Excellence: Felicitation Ceremony

A special felicitation ceremony honored the distinguished speakers.

Mementoes were presented by IPF office-bearers:

- Mr. Krishnan Iyer was felicitated by Mr. Shyam Lal Agarwal
- Mr. Sanjay Bhalotia by Mr. Sisir Jalan, Past President, IPF
- Mr. Avik Gupta by Mr. Nirmal Kandoi, Member, IPF
- Mr. Devendra Surana by Mr. Madanlal Agarwal
- Mr. Lalit Agrawal by Mr. Akshat Kandoi
- Mr. Rajeev Goenka by Mr. Rajat Rateria, Hony. Treasurer, IPF

A Meaningful Close

The event concluded with a vote of thanks by Mr. Rajat Rateria, followed by a Hi-Tea session that allowed participants to network and reflect on the rich insights shared throughout the afternoon.



GRAND LAUNCH OF IPF NORTH EAST CHAPTER

A Landmark Step Towards Regional Plastic Industrial Growth

The Indian Plastics Federation (IPF) marked a historic milestone with the grand launch of its North East Chapter on 8th January 2025 at Taj Vivanta, Guwahati. The prestigious evening brought together senior government officials, industry leaders, IPF Past Presidents, IPF office bearers, and key stakeholders from across the plastics value chain, underscoring IPF's long-term commitment to fostering industrial growth and collaboration in the North Eastern region.

The formal proceedings commenced with the assembly of guests, followed by a warm welcome that set the context for this significant expansion of IPF's national footprint. The launch symbolizes the continuation of IPF's rich legacy and its vision to create new opportunities for the plastics industry in a strategically important and rapidly developing region.

The event was graced by eminent dignitaries, including **Dr. J. B. Ekka, IAS, Additional Chief Secretary, Industries & Commerce, Government of Assam, who attended as the Guest of Honour.**

The evening began with the National Anthem, followed

by the traditional Lamp Lighting Ceremony, symbolizing an auspicious beginning. IPF's esteemed Past Presidents—**Shri K. K. Sekseria, Shri Rajesh Mohta, Shri Ashok Jajodia, and Shri Sisir Jalan**—joined the dignitaries, reinforcing the Federation's legacy of leadership and continuity.

A felicitation ceremony was held to honour the Guest of Honour & Guest Speaker for their significant contributions to industrial development and their continued support to the plastics industry.



VISIONARY ADDRESSES AND INDUSTRY OUTLOOK

Shri Amit Agarwal, President, IPF, delivered the Welcome Address, highlighting the Federation's expanding national footprint and its commitment to strengthening industry collaboration. His address was supported by a video presentation showcasing IPF's journey and future vision.

Shri Alok Sonthalia, Chairman, IPF North East Chapter, addressed the gathering and emphasized the vast industrial potential of the North East, outlining a clear roadmap for regional growth, member engagement, and sustainable industry development.

A key highlight of the evening was the screening of the **PlastIndia 2026** short film, offering insights into one of the world's largest global exhibitions for the plastics industry. **Shri Alok Tibrewala, Chairman, NEC, PlastIndia Foundation 2026**, shared the strategic vision and global relevance of **PlastIndia 2026**, underscoring its importance for Indian and international stakeholders alike.

The knowledge-sharing segment of the program was further enriched by guest speakers **Dr. Anup Mishra, Chairman, Pollution Control Board**, and **Shri Shantanu Dutta, Regional Director, Central Pollution Control Board (CPCB)**, who shared valuable perspectives on environmental compliance, sustainability, and the evolving regulatory framework impacting the plastics industry.

The grand launch of the IPF North East Chapter received extensive media coverage, with prominent national and regional newspapers as well as leading television news channels covering the event. The wide media attention reflected the importance of the launch for the North East and its growing relevance in India's industrial and manufacturing landscape.



The event concluded with a Vote of Thanks delivered by **Shri Saurabh Garodia, Honorary Secretary, IPF**, who expressed gratitude to the dignitaries, members, partners, and all stakeholders for their support.

The entire program was seamlessly conducted by **Shri Sudarshan Tawri, Honorary Joint Secretary, IPF**, who served as the Master of Ceremonies, ensuring smooth transitions and a well-coordinated flow throughout the evening.

Special appreciation and thanks are extended to **Shri Alok Sonthalia, Chairman, IPF North East Chapter**, whose leadership and dedicated efforts were instrumental in the successful launch of the chapter.

IPF also places on record its special thanks to **Shri Kamal Jain and Shri Satyam Khandarwal** for their valuable support and contributions in ensuring the smooth execution of the event.

The launch of the IPF North East Chapter marks a significant step towards inclusive regional development, enhanced industry collaboration, and a stronger future for the Indian plastics industry.



A FANTASTIC START TO IPF NORTHEAST !

The Kamakhya Walkathon 2026 marks a fantastic beginning and the first activity of the Indian Plastics Federation – Northeast Chapter.

By supporting the message “Say Know to Plastics, not No to Plastics,” IPF Northeast sets the tone for responsible, informed, and sustainable engagement in the region.

A strong first step towards a cleaner, greener, and more aware Northeast.

Thank to Alok Sonthalia and full IPF North East Chapter for making this possible..





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SAFETY FIRST:

BUILDING A CULTURE OF SAFETY IN PLASTIC MANUFACTURING

By **MAGPET POLYMERS PVT. LTD.**



SAFETY

is a Habit,
not an Act



In plastic manufacturing, safety is not merely about rulebooks, it is an organizational value.

The combination of high-temperature equipment, moving machinery, resin dust, and chemical additives means that prevention, awareness, and discipline must be at the core of operations. Specially, given the inflammable nature of our Raw Material.

A systematic safety approach not only reduces accidents but improves productivity, morale, and compliance.

Key Pillars of Workplace Safety in Plastic Manufacturing

- **Comprehensive Training & Awareness Programs**

Periodic training ensures workers understand machine operations, chemical handling, and emergency procedures. Toolbox talks and refresher courses help make safety a continuous behavior rather than a one-time event.

- **Strict Use of Personal Protective Equipment (PPE)**

Helmets, gloves, goggles, face shields, ear protection, anti-static shoes, and respiratory masks must be enforced according to job role. PPE reduces exposure to heat, dust, splinters, and chemical fumes.



- **Safe Material Handling & Storage**

Resin bags, additives, solvents, and cleaning chemicals should be labeled properly and stored away from ignition sources. Ergonomic handling minimizes back injuries and spillage risks.

- **Fire Safety & Dust Control Measures**

Effective dust extraction systems, fire-rated panels, regular cleaning, and well-placed extinguishers help prevent ignition hazards in plastic environments. Mock fire drills ensure preparedness. Smoking and lighting of fire should be strictly discouraged.

- **Machine Guarding & Preventive Maintenance**

Guards, interlocks, and emergency stop buttons must remain functional. Preventive maintenance minimizes mechanical failures, overheating, or leaks.

- **Culture of Open Reporting & Continuous Improvement**

Near-misses and unsafe conditions must be encouraged to be reported immediately. A responsive management approach ensures workers feel responsible and empowered.

- **Waste Handling & Recycling Safety**

Grinding, shredding, and washing operations generate dust and noise. Enclosures, extraction systems, and proper PPE protect workers. Waste segregation reduces contamination and fire risks.

- **Electrical Safety Protocols**

High-voltage equipment, heaters, and motors require proper earthing, insulated wiring, and annual electrical audits. Panels must remain dry, accessible, and clearly labeled.

- **Noise Control & Ear Protection**

Granulators, blowers, and compressors create high decibel levels. Earplugs or earmuffs and noise mapping help prevent long-term hearing damage. Acoustic insulation in critical areas further reduces exposure.

- **Chemical Storage & MSDS Compliance**

Material Safety Data Sheets should be available and understood. Proper storage of additives, colorants, and cleaning agents prevents toxic exposure and accidental mixing.

- **Lockout-Tagout (LOTO) Procedures**

During repair or maintenance, LOTO prevents machines from being started accidentally. This is critical for preventing amputations, crush injuries, and electrical exposure.

- **Safe Forklift & Material Movement**

Marked pathways, trained operators, speed limits, and reversing alarms reduce collision risks. Proper pallet stacking prevents toppling hazards.

- **Emergency Response & First Aid Training**

First aid kits, trained personnel, and accessible eye-wash stations ensure quick response. A defined accident reporting system enhances learning and accountability.

- **Heat-Related Safety Near Extruders & Molding Machines**

Operators must maintain safe distances from die heads and heaters. Heat-resistant gloves and shields protect from burns, and ventilation minimizes ambient temperature buildup.

- **Fire Evacuation & Action Plan Preparedness**

Clearly marked exit routes, illuminated signage, and assembly points are essential. Regular evacuation drills, role-based responsibilities (fire marshals, roll call leads), and communication protocols ensure that employees know how to respond swiftly and calmly.

- **Regulatory Compliance & Safety Standards**

Adherence to the Occupational Safety, Health and Working Conditions (OSH) Code, The Factories Act provisions, and relevant BIS and Pollution Control Board guidelines strengthens legal compliance. Adoption of international standards such as ISO 45001 for occupational health and safety and NFPA norms for fire protection builds global best practices into safety frameworks. Maintaining statutory records, conducting periodic audits, and meeting inspection requirements help safeguard both employees and the enterprise.

WORKPLACE SAFETY CHECKLIST FOR PLASTIC MANUFACTURING UNITS



General Safety & Training

- Safety induction conducted for all employees
- Periodic refresher training and toolbox talks scheduled
- Safety signage displayed at critical locations
- Near-miss reporting system implemented

Personal Protective Equipment (PPE)

- Helmets, gloves, goggles & shoes available and enforced
- Respiratory protection used in dusty or chemical areas
- Ear protection available near granulators & compressors
- PPE storage and replacement plan in place

Machinery & Equipment Safety

- Machine guards and interlocks functional
- Emergency stop buttons operational and accessible
- Preventive maintenance schedule updated
- Lockout-Tagout (LOTO) procedures implemented

Material & Chemical Handling

- Resins/additives stored away from ignition sources
- Chemical containers labeled and MSDS available
- Spill containment and cleanup kits accessible
- Ergonomic lifting aids used for heavy bags

Fire Safety & Evacuation

- Fire extinguishers inspected and accessible
- Dust extraction systems operational
- Clearly marked fire exits and assembly points
- Evacuation drills conducted and roles assigned

Electrical & Utilities

- Proper earthing and insulated wiring
- Electrical panels kept dry and unobstructed
- Annual electrical audit completed
- Backup power and alarms tested

Noise & Heat Exposure

- Decibel monitoring conducted
- Acoustic panels or enclosures installed
- Heat shields near extruders and hot zones
- Ventilation maintained in production floor

Waste & Recycling Processes

- Segregation of plastic types maintained
- Grinder/shredder enclosures intact
- Dust mitigation measures active
- Waste stored in designated safe zones

Compliance & Documentation

- OSH Code and Factories Act requirements met
- ISO 45001 / internal OHSMS implemented
- Audit records and statutory registers maintained
- Incident investigation and corrective action logged

DISCLAIMER

This is a Suggestive checklist to do a quick health check of your factory shop floor and you can add and alter based on each units unique requirement for Audits/compliance or otherwise.

PVC-O: THE NEXT LEAP IN WATER PIPES

AND INDIA'S CHANCE TO LEAD



Water infrastructure is entering a new phase. Networks will be judged not only on speed of installation, but on reliability over decades—leak control, energy efficiency in pumping, lifecycle cost, and field performance under tough Indian conditions.

That is exactly where PVC-O (Oriented PVC) changes the game.

This is not a technical article. It's a strategic one—for manufacturers, polymer professionals, and decision makers who want to stay ahead of what's coming next in piping.

The simple idea (no jargon) Most of the industry understands standard PVC pipes: melt, shape, cool, cut.

PVC-O adds one powerful step: orientation.

Orientation means the pipe's polymer structure is rearranged in a controlled way so the same material behaves stronger and tougher—especially in the direction that matters most for pressure

A simple analogy:

Normal PVC is like people standing randomly.

Oriented PVC is like the same people trained and aligned.

Same material family. Different performance class.

Why PVC-O matters now The pipe market is no longer only "price per meter." It is shifting toward value per year.

PVC-O is gaining attention globally because it creates a rare combination:

“The future belongs to those who prepare for it today.”— Malcolm X

High strength and toughness

Lighter handling and logistics

Strong field reliability when made correctly Better value perception in water projects

PVC-O aligns naturally with what modern water infrastructure needs:

more performance with less burden—on transport, handling, and long-term risk.

The real potential is not “a better pipe.” It's a better business equation.

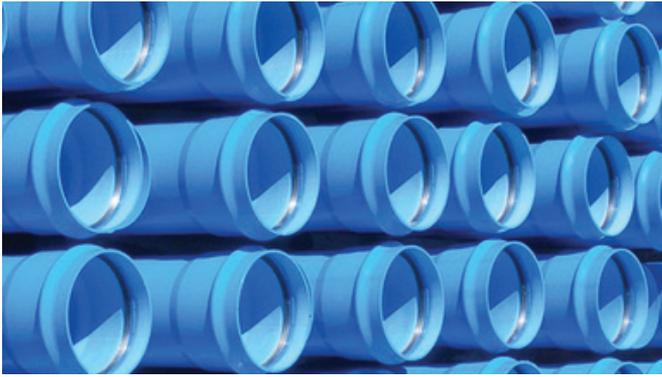
Every pipe factory ultimately runs on one equation:

$Profit = (Value\ Perception \times Price) - (Material + Conversion + Rejections + Complaint\ Risk)$

PVC-O can influence multiple parts of that equation at once:

It supports premium positioning (when you can prove performance and consistency)

It strengthens trust in brand and supply reliability



It reduces field failure risk when discipline and QA are strong

It can improve the manufacturer’s competitive leverage in a market where commoditization is the default

This is why PVC-O should not be viewed as “one more product.”

It is a strategic upgrade—in capability, positioning, and credibility.

Two myths that keep the industry late

Myth 1: PVC-O is only for large companies.

Wrong. PVC-O is not about size. It’s about discipline: process control, training culture, and quality habits. Many mid-sized players can win big by getting the fundamentals right.

Myth 2: PVC-O is mainly about machines.

Machines matter—but the deeper truth is: PVC-O is not about the manufacturing process alone. It is about understanding the polymer recipe with respect to the orientation process.

PVC-O rewards those who understand and control the relationship between:

- material behaviour
- temperature/time control
- controlled deformation
- cooling that “locks” the structure
- verification through quality systems

This is where leadership shows up—not in brochures, but in outcomes.

Why early movers win (even before “mass adoption”)

The biggest mistake in industry is waiting for maturity and then entering. In engineered products, early movers build advantages that late entrants struggle to copy:

- teams get trained earlier
- process learning accumulates faster
- reference supplies get established
- consultants and departments gain confidence
- brand trust compounds

PVC-O doesn’t need hype to grow. It needs consistent field performance. And once credibility is built, the market follows.

What “starting PVC-O” really means

If you’re considering PVC-O, don’t start with excitement.

Start with clarity:

Treat it like an engineered product, not a commodity SKU

Train operators and supervisors for control and discipline

Build strong QA and documentation habits

Educate the market through proof, not loud claims

PVC-O is not hard because it is “complex.” It’s hard because it demands consistency. The companies that respect this reality will lead..

Closing: a call to explore PVC-O seriously

PVC-O is a measurable shift happening in water piping. For India, it is also a chance—to move from volume-driven competition to capability-driven leadership.

If you are in plastics—manufacturer, compounder, trader, consultant, or young professional—don’t ignore PVC-O. Understand it. Visit plants. Ask hard questions. Learn what makes it succeed.

Because the next decade will reward those who deliver:

- reliability
- lifecycle value
- responsible material use
- performance with discipline

PVC-O is one of the clearest opportunities in plastics today where India can lead—by doing it properly, and doing it early.



By - **Manish G Bhaia**
COO Neptune Plastics, Kolkata

INDIA'S RECYCLING IMPERATIVE: STRONG POLICY BACKING IS THE NEED OF THE HOUR

By **DEEPAK RUNGTA**

Managing Director – Rungta Greentech Limited & Rungta Eco Extrusions Pvt. Ltd.

India today stands at a defining moment in its sustainability journey. Rapid urbanisation, increasing consumption and rising packaging demand have led to a significant increase in post-consumer waste generation, particularly plastics. While plastic remains an essential material for modern life — offering unmatched efficiency, hygiene and cost-effectiveness — the real challenge lies in ensuring responsible collection, recycling and circularity.

Recycling is not merely an environmental obligation; it is an **economic and social opportunity**. India has the potential to become one of the world's strongest recycling hubs — generating employment, conserving natural resources and drastically reducing the burden on landfills and ecosystems. However, to fully unlock this potential, **clear policy direction combined with strong enforcement is critical**.

Policy — The Backbone of a Sustainable Recycling Ecosystem

Over the past few years, the Government of India has taken commendable steps through the **Plastic Waste Management Rules and Extended Producer Responsibility (EPR) framework**. However, timely and strict implementation of these provisions remains essential to ensure real-world impact.

India now needs:

- **Strict and uniform implementation of EPR obligations across States**
- **Well-defined and enforceable recycled-content mandates**
- **Support for investment in modern recycling infrastructure**
- **Formal integration and social protection for India's waste-picker community**
- **Standardisation and certification for recycled materials to build market confidence**

When policy intent is matched with effective execution, recycling transforms from a compliance activity into a powerful engine of circular growth.

A Shared National Responsibility

The plastics industry, policymakers, recyclers, brand owners and consumers must move forward together. As responsible industry stakeholders, we must champion **segregation at source, traceable collection systems, ethical sourcing, and investment in technology-driven recycling solutions**.

India has the capability — and the responsibility — to demonstrate that economic growth and environmental stewardship can go hand-in-hand.

The Indian Plastics Federation continues to advocate for **practical, science-based, technology-led and implementable policy frameworks** that enable true circularity instead of disruption or confusion at the ground level.

With the right support, recycling can evolve into one of the strongest pillars of India's sustainability roadmap — safeguarding livelihoods, protecting natural resources and securing a greener future for generations to come.

RUNGTA GROUP — DRIVING CIRCULARITY IN WEST BENGAL

For more than 2 decades, **Rungta Greentech Limited and Rungta Eco Extrusions Pvt. Ltd.** have been deeply committed to plastic recycling and circular economy initiatives in West Bengal. The Group operates an organised collection and processing infrastructure that converts post-consumer plastic waste into quality recycled raw material for responsible industrial reuse. Alongside recycling operations, the Group actively supports community engagement and awareness programmes, partners with local stakeholders, and contributes to the upliftment of waste-picker communities. The mission remains simple yet powerful — **turn waste into a valuable resource while reducing the environmental footprint of plastic use**.



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ADVANCING POLYMER SCIENCE: PLATINUM INDUSTRIES IS REDEFINING R&D AND TESTING EXCELLENCE IN ADDITIVE TECHNOLOGY

Dr. Gourishanker Jha, V. P., (R&D), Platinum Industries Limited



In the world of polymers, consistent quality, performance, and reliability stem from one foundation - research and testing excellence. Platinum Industries' R&D division is focused on engineering the next generation of polymer additives that combine performance, safety, and sustainability. Through rigorous experimentation, advanced testing infrastructure, and a multidisciplinary scientific team, the company continues to set new benchmarks in the global specialty chemicals sector.

INNOVATION BACKED BY SCIENCE

Polyvinyl chloride (PVC) is among the most versatile and widely used thermoplastics across construction, electrical, and industrial applications. However, its inherent thermal instability at high processing temperatures makes stabilizers indispensable. These additives prevent degradation, maintain polymer integrity, and enable smooth processing performance.

Among stabilizers, calcium-zinc (Ca-Zn) variants are increasingly preferred over lead-based systems due to their environmental safety, recyclability, and ability to deliver high thermal stability without compromising flexibility.

To assess stabilizer efficiency, the R&D team at Platinum Industries conducted an in-depth study on the impact of Ca-Zn stabilizers on the mechanical properties of unplasticized PVC (u-PVC) during pipe processing. The findings demonstrated that Ca-Zn stabilizers not only enhance tensile strength by minimizing micro-crack formation but also preserve polymer flexibility and long-term stability, enabling pipes to withstand high pressure and mechanical load, making them suitable for demanding infrastructure applications.

EXPERIMENT OVERVIEW

Testing was conducted at Platinum's state-of-the-art laboratory equipped with precision instruments such as a high-speed mixer, single-screw extruder, torque rheometer, testing oven, Brabender, XRF and universal testing machine (UTM) and Izod tester. Two sample formulations utilizing Ca-Zn stabilizers were assessed for their tensile strength, elongation, and impact resistance.

TABLE-1 FORMULATION

| Items | | PHR | PHR | |
|-------------------|---------------------------------|---------|---------|--------|
| S-PVC (k = 65) | | 100.000 | 100.000 | |
| Calcium Carbonate | | 17.000 | 17.000 | |
| Titanium dioxide | | 1.250 | 1.250 | |
| PE Wax (PR 700) | | 0.300 | 0.300 | |
| Sample 1 | | 3.200 | | |
| Sample 2 | | | 3.200 | |
| Total PHR | | 121.750 | 121.750 | |
| Requested tests | | | | |
| Torque rheometer | Gelation time (sec) | Y | 118 | 134 |
| | Max. Torque (Nm) | Y | 14.9 | 15.8 |
| | Temp. at Maximum Torque (°C) | Y | 193.8 | 193.8 |
| | End Torque (Nm) | Y | 15.0 | 15.4 |
| | Temp. at End Torque (°C) | Y | 198.7 | 198.4 |
| | „Intrinsic“ viscosity (calc.) | | 28.3743 | 1.1404 |
| | Activation energy | | -2500.9 | 10206 |
| | Calculated extrusion torque (%) | | 29.9 | 31.0 |

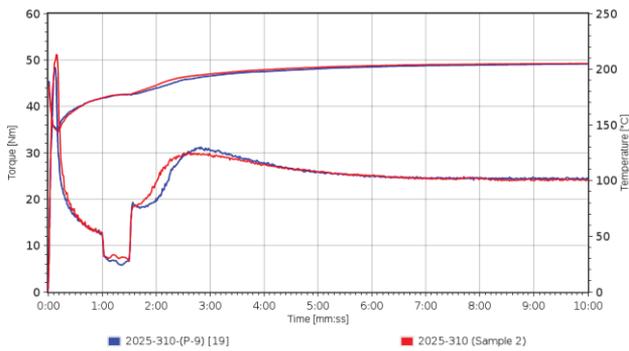


Fig.1-Brabender graph

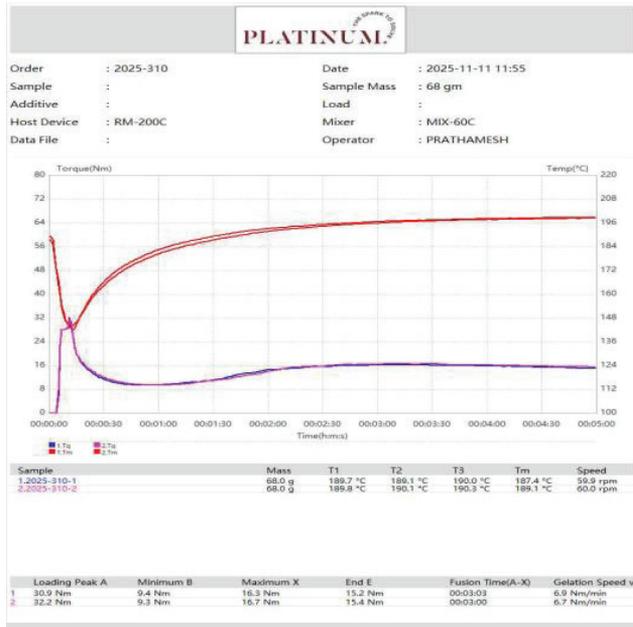


Fig.2-Torque Rheometer graph

The report includes fields for Order, Sample, Additive, Host Device, Data File, Date, Sample Mass, Load, Mixer, and Operator. It also contains a table for test results with columns for Sample, Mass, T1, T2, T3, Tm, and Speed. The report is signed by Prathamesh.

Fig.3- Oven Test Report

TABLE-2: MECHANICAL PROPERTIES

| Properties | Unit | Sample 1 | Sample 2 |
|-----------------------------|-------|----------|----------|
| Tensile Strength @ Max Load | MPa | 51.1 | 53.3 |
| Elongation | % | 4.2 | 4.2 |
| Izod Impact Test | KJ/m2 | 6.0 | 4.1 |

Tensile and impact strengths in PVC pipe processing exhibit a **non-linear relationship** governed by fusion levels during extrusion. Optimal fusion enhances both properties through improved chain entanglement, while excessive fusion increases tensile strength via additional entanglement and limited crosslinking from degradation, but reduces impact strength due to higher stiffness and lower ductility.

Low fusion, by contrast, results in incomplete bonding and voids, weakening both properties. Impact strength peaks at **optimum fusion**, where energy absorption is highest, whereas **tensile strength rises steadily** with increasing fusion. Experimental results confirm this: **Sample 2** showed a **4% higher tensile strength** than **Sample 1**, despite a **30% drop in impact strength**, under similar rheological conditions.

In summary, molecular orientation in PVC pipe processing aligns polymer chains, enhancing tensile strength through improved load distribution along the oriented direction. However, it reduces impact toughness by restricting chain mobility and ductility essential for energy absorption during sudden impacts.

Such insights underscore Platinum’s scientific approach: research-led, data-driven, and guided by a deep understanding of polymer behavior at the molecular level.

PLATINUM’S VISION: INNOVATION, INTEGRITY, AND GLOBAL STANDARDS

Platinum Industries’ commitment to R&D excellence is further reflected through a series of global certifications and accreditations that demonstrate its scientific capability and operational rigor. The company’s DSIR accreditation from the Department of Scientific and Industrial Research (Government of India) recognizes its strong in-house R&D and innovation-driven growth. Its NSF 533 certification ensures compliance with international standards for product safety in potable water systems, while TÜV Nord ISO 9001:2015 certification affirms robust quality management across operations. Platinum’s recognition as a Star Export House highlights its growing global presence, and a patent granted by the Government of India for its thermostable stabilizer composition reinforces its pioneering advancements in polymer chemistry. Collectively, these achievements reflect Platinum’s relentless pursuit of excellence in the global specialty chemicals industry.



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SUSTAINABILITY IS NOT A MATERIAL CHOICE — IT'S AN ECOSYSTEM DECISION

Introduction: Why Sustainability Needs a Fundamental Reset

Sustainability has become one of the most frequently discussed—and most misunderstood—concepts in the packaging and FMCG ecosystem. In boardrooms, design studios, and brand review meetings, sustainability is often reduced to a single question: Which material should we switch to? Paper or plastic? Recyclable or compostable? Virgin or recycled?

While material selection is important, this narrow framing has led to a wave of wellintentioned but underperforming sustainability initiatives. Packaging formats are changed, costs increase, claims are communicated—yet environmental impact remains largely unchanged, or in some cases, worsens.

The uncomfortable truth is this: sustainability cannot be achieved through material choice alone.

A package is sustainable only when the entire ecosystem around it works—material, machinery, supply chain, consumer behaviour, and waste management infrastructure. When any one of these elements is misaligned, sustainability collapses from a promise into a problem.

This article argues for a shift in mindset: from material-centric sustainability to ecosystemled sustainability—a systems approach that reflects how packaging actually functions in the real world.

The Material Myth: Why “Recyclable” Is Not Enough

One of the most persistent myths in packaging sustainability is that choosing a recyclable or biodegradable material automatically makes a pack sustainable. In reality, such decisions often shift environmental impact rather than reduce it.

Consider a beverage package with inadequate barrier properties. If oxygen ingress or light exposure reduces shelf life, the resulting product wastage often has a far higher carbon footprint than the packaging itself. Similarly, compostable materials introduced into markets without industrial composting infrastructure frequently end up in landfills, delivering little environmental benefit while increasing complexity and cost.

Even paper—widely perceived as a “green” alternative—can carry significant environmental trade-offs when coatings, inks, adhesives, and multilayer structures are required to achieve performance parity.

The problem is not the material. The problem is isolated decision-making.

Sustainability cannot be evaluated in isolation from how a package is produced, filled, transported, used, and recovered. A truly sustainable solution must perform across its entire lifecycle, not just at the point of material selection.

Understanding Sustainability as an Ecosystem

Packaging does not exist in a vacuum. It moves through a complex network of systems that determine its true environmental footprint. Sustainability, therefore, must be understood as an ecosystem decision, built on five interdependent pillars:

1. Material selection and design
2. Manufacturing and machinery compatibility
3. Supply chain and logistics efficiency
4. Consumer behaviour and usability
5. Waste management and recycling infrastructure

Only when all five pillars are aligned does sustainability move from theory to reality.

Pillar 1: Material Selection and Design Optimisation

Material selection is often the most visible—and most debated—aspect of sustainable packaging. However, its impact depends entirely on how intelligently it is designed and deployed.

Key considerations include:

- Barrier performance and shelf-life protection
- Food safety and migration compliance
- Downgauging and light weighting potential
- Compatibility with existing recycling streams
- Availability and consistency at scale

In many cases, optimising an existing structure delivers more environmental benefit than introducing a new

material altogether. Light weighting a PET bottle, converting a complex laminate into a recyclable mono-material, or reducing unnecessary secondary components can generate significant sustainability gains without disrupting manufacturing or supply chains.



Design-led sustainability—rather than material replacement—often proves more scalable, more economical, and more effective.

Pillar 2: Manufacturing and Machinery Compatibility

A sustainable packaging solution must be manufacturable at scale. Yet this is where many initiatives quietly fail.

High-speed FMCG and beverage lines operate at extreme efficiencies, often running hundreds or thousands of units per minute. Packaging that causes frequent stoppages, excessive scrap, higher energy consumption, or longer changeover times can quickly negate any environmental benefit achieved through material changes.

Common challenges include:

- Poor machinability on existing lines
- Increased rejection rates during filling or sealing
- Higher ink or coating sensitivity
- Reduced line speeds to maintain quality

Sustainability that works only in pilot trials but fails under continuous production is not sustainability—it is risk. True ecosystem thinking demands that manufacturing realities are considered from the very beginning, not retrofitted later.

Pillar 3: Supply Chain and Logistics Efficiency

The environmental impact of packaging extends far beyond the factory gate. Transportation, warehousing, and distribution often account for a substantial share of emissions, particularly in high-volume FMCG categories.

Even small changes in pack dimensions or weight can have large downstream effects:

- Reduced pallet efficiency
- Increased number of truckloads
- Higher fuel consumption per unit
- Additional secondary or tertiary packaging



A package that appears sustainable at the unit level may perform poorly at the system level if it disrupts logistics efficiency. Sustainable packaging must therefore be designed with cube optimisation, palletisation, and handling in mind.

Logistics-led design thinking is not optional—it is essential.

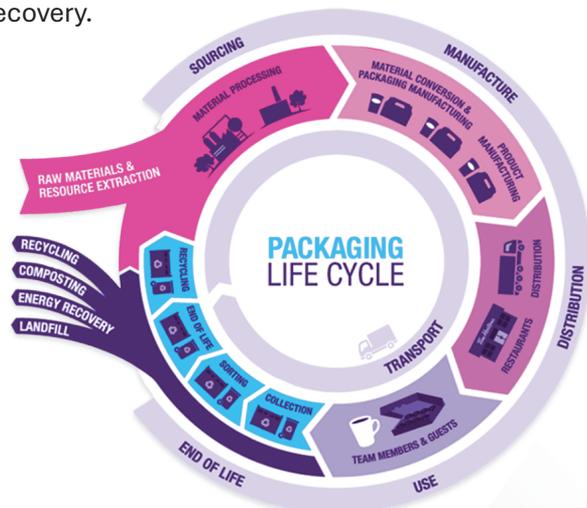
Pillar 4: Consumer Behaviour and Usability

Consumers are the final—and often most unpredictable—link in the sustainability chain. Regardless of how recyclable or innovative a package is, its environmental outcome ultimately depends on how it is used and disposed of.

Key behavioural considerations include:

- Ease of emptying and separation
- Clarity of disposal instructions
- Practicality of segregation
- Cultural and contextual habits

Packaging that requires excessive effort to disassemble or interpret often fails at end-of-life. Clear communication, intuitive design, and realistic assumptions about consumer behaviour are critical to achieving actual recovery.



Sustainability does not end at the point of sale. It extends into kitchens, offices, streets, and waste bins.

Pillar 5: Waste Management and Recycling Infrastructure

Recyclability is meaningful only when collection and recovery systems exist. Designing packaging for idealised recycling scenarios—rather than real-world infrastructure—remains one of the biggest gaps in sustainability strategy.

In many regions, particularly emerging markets, informal recycling networks play a crucial role in material recovery. Packaging that aligns with these systems is far more likely to be recycled than packaging designed for infrastructure that does not exist locally.

This highlights a critical principle: sustainability is context-specific. What works in one geography may fail in another. Global brands must balance standardisation with local adaptability to ensure real environmental impact.

Why FMCG and Beverage Brands Struggle

Despite growing awareness, many brands struggle to deliver sustainable packaging at scale.

Common reasons include:

- Late involvement of packaging teams
- Marketing-led decisions without operational validation
- Aggressive launch timelines
- Cost pressures overriding long-term impact
- Siloed sustainability targets

When sustainability is treated as a last-minute requirement rather than a core design principle, trade-offs become unavoidable and outcomes suffer.

What Real Sustainability Leadership Looks Like

True sustainability leadership is not about making bold claims—it is about making aligned decisions.

Leaders who succeed in this space:

- Involve cross-functional teams early
- Use data to evaluate trade-offs
- Design for existing infrastructure
- Prioritise scalability over symbolism
- Accept that “perfect” is often the enemy of “better”

Ecosystem-led sustainability requires humility, collaboration, and long-term thinking.

Regulation, ESG, and the Shift from Intent to Accountability

As sustainability commitments move from aspiration to accountability, regulators and investors are demanding measurable outcomes. Lifecycle assessments,

recyclability audits, and ESG disclosures are becoming standard expectations rather than optional exercises.

Brands that adopt ecosystem thinking today will be better positioned to navigate tightening regulations, increased scrutiny, and rising consumer expectations tomorrow.

The Future: From Green Claims to Green Systems

The future of sustainable packaging lies not in chasing the next material innovation, but in designing smarter systems.

This includes:

- Fewer materials, not more
- Simpler structures, not complex hybrids
- Infrastructure-aligned solutions
- Deeper collaboration across the value chain

Sustainability will increasingly be judged not by claims, but by outcomes.

Conclusion: Sustainability That Actually Works

Sustainability is not about choosing the greenest material.

It is about building the smartest ecosystem.

When material, manufacturing, logistics, consumer behaviour, and waste management work together, sustainability becomes scalable, credible, and commercially viable. When they do not, even the best intentions fall short.

For packaging professionals, brand owners, and policy-makers alike, the path forward is clear: move beyond isolated decisions and embrace ecosystem thinking. Only then can sustainability deliver on its promise—for businesses, consumers, and the planet.

CASE STUDY 1: When “Paper First” Increased the Carbon Footprint

Category: Beverages

Ecosystem Failure: Material → Shelf Life → Waste

A large beverage brand replaced a flexible plastic-based pack with a paper-dominant structure to meet sustainability commitments. While the new pack improved recyclability perception, it offered lower moisture and oxygen barrier protection. Within months of launch, the brand experienced increased flavour degradation complaints, shorter shelf life, and higher product returns—especially in high-temperature distribution zones.

The outcome forced an urgent redesign, revealing that product waste outweighed the environmental gains from material substitution. The final solution involved a

hybrid structure optimised for barrier performance and recyclability within existing infrastructure.

Key Learning:

Sustainability decisions that ignore product protection shift environmental impact rather than reduce it.

CASE STUDY 2: High-Speed Manufacturing vs Sustainable Design

Category: FMCG (Food)

Ecosystem Failure: Design → Machinery → Scrap

An FMCG food brand introduced a “sustainable” down-gauged laminate without validating machinability at commercial speeds. While pilot trials were successful, full-scale production revealed frequent sealing failures at high line speeds. Rejection rates increased by over 1%, leading to massive material and energy wastage.

After intervention from the packaging and operations teams, the structure was redesigned to balance down-gauging with seal integrity—restoring line efficiency without compromising sustainability goals.

Key Learning:

A sustainable pack that fails on high-speed lines is not sustainable at scale.

CASE STUDY 3: Compostable Packaging Without Composting

Category: Quick Service Restaurants / Food Delivery

Ecosystem Failure: Material → Infrastructure

A QSR chain introduced compostable packaging across urban outlets, promoting it as an environmentally responsible move. However, municipal composting infrastructure was absent in most operating regions. As a result, the packaging entered landfill streams, offering no real environmental benefit while increasing cost and complexity.



A subsequent audit revealed that existing recyclable fibre-based packaging would have achieved higher recovery rates. The brand pivoted to infrastructure-aligned solutions.

Key Learning:

Compostable packaging without composting infrastructure is sustainability in theory, not in practice.

CASE STUDY 4: Designing for the Informal Recycling Ecosystem

Category: Personal Care / Home Care

Ecosystem Failure: Design → Recovery

A consumer goods company redesigned its packaging to align with informal recycling networks. By simplifying material structures and eliminating non-recyclable components, the packaging became more attractive to waste collectors.

Recovery rates improved significantly, proving that designing for real-world recovery systems can outperform theoretical recyclability claims.

Key Learning:

Packaging designed for actual recycling behaviour delivers higher sustainability outcomes than global “ideal” designs.

CASE STUDY 5: Light weighting That Actually Worked

Category: Carbonated Beverages

Ecosystem Failure: Design → Manufacturing → Logistics

A beverage manufacturer focused on light weighting existing PET bottles instead of switching materials. By redesigning geometry and optimising wall thickness, the brand reduced material usage while maintaining performance on high-speed filling lines.

The initiative delivered:

- Lower resin consumption
- Improved transport efficiency
- Zero impact on line speed or quality

This demonstrated that incremental, system-compatible improvements often outperform disruptive material changes.

Key Learning:

Scalable sustainability comes from ecosystem optimisation, not radical substitution.

DATA CALLOUT 1: Product Waste vs Packaging Impact

Food and beverage product wastage can contribute up to 30–40% of the total carbon footprint of packaged products, often dwarfing the impact of the packaging material itself.

DATA CALLOUT 2: Manufacturing Losses

A 1% increase in rejection rate on high-speed FMCG lines can result in millions of wasted packs annually, eliminating material-level sustainability gains.

DATA CALLOUT 3: Recycling Reality

Only 10–15% of packaging labelled “recyclable” is actually recycled in many markets, due to collection and infrastructure limitations.

DATA CALLOUT 4: Logistics Impact

Optimising packaging dimensions by just 5–10% can reduce transportation emissions by double digits over high-volume distribution networks.

DATA CALLOUT 5: Consumer Behaviour

More than 60% of consumers dispose of packaging based on convenience rather than recyclability claims, making intuitive design critical to recovery.

By: SAAMIR AKHTAR

R&D Packaging Development Executive (Beverages)
Reliance Consumer Products Limited-Bangalore

INDIAN PLASTICS FEDERATION

The Seminar Committee of the Indian Plastics Federation has emerged as one of the most active and impactful committees, consistently delivering high-quality, relevant, and well-attended seminars for the benefit of its members.

The Committee focused on topics that directly impact business continuity, compliance, growth, and risk mitigation.

Special emphasis was placed on:

- Current regulatory and legal developments
- Financial growth opportunities for SMEs
- Cybersecurity and digital risk awareness
- Practical knowledge with real-life applicability

Major Seminars & Achievement

Cyber Fraud – Safeguarding Businesses in the Digital Age

A highly relevant and timely seminar addressing rising cyber threats, digital fraud, and preventive measures. Members appreciated the session for its clarity, real-case discussions, and actionable guidance.

The session was well received for creating strong awareness around digital safety and risk prevention.

SME IPO – Fuelling Growth

One of the most impactful sessions of the period, this seminar provided in-depth insights into SME IPOs, capital markets, compliance requirements, and growth strategies. The program received an excellent response with a full-house audience and strong interaction, reflecting keen interest among members.

Speakers & Guests included:

- Mr. Krishnan Iyer - Senior Vice President & Head of Listing, NSE
- Mr. Sanjay Bhalotia – Insightful perspectives on capital markets and SME growth
- Mr. Avik Gupta – Practical guidance on IPO preparedness and compliance

And our guest of Honour were : Mr. Narrindra Suranna [Ddev Plastics Industries Ltd.]

Mr. Rajeev Goenka [Cool Caps Industries Ltd.]

Mr. Lalit Agarwal [Glen Industries Ltd.]

Labour Law & Compliance Seminar

This seminar simplified complex labour laws and compliance requirements, helping members understand statutory obligations and recent legal updates. It was especially beneficial for factory owners, compliance heads, and HR professionals.

Speaker:

- Mr. Aditya Choukhany
Director – Vauras Advisory Services
Founder – Salarybook, Kolkata

Member Response & Impact

- Consistently high attendance and participation
- Excellent appreciation from members for topic selection and speaker quality
- Strong post-event engagement and discussions
- Enhanced value perception of IPF seminars among member

The success of these seminars was made possible through the committed efforts of the Seminar Committee, guided by senior IPF leadership and supported by the secretariat. The Seminar Committee expresses sincere gratitude to all distinguished speakers and experts who shared their valuable insights, experience, and practical knowledge, contributing to the success of each seminar.

The Committee has significantly strengthened IPF's role as a knowledge-driven, member-focused industry body. With carefully chosen subjects, professional execution, and enthusiastic member participation, the Committee continues to set high standards for engagement and value creation.

The Indian Plastics Federation looks forward to many more such impactful initiatives in the coming months.

Shri Sudarshan Kumar Tawri

Hony. Joint Secretary

Indian Plastics Federation



MEMBER SPEAK

Hi everyone,

I'm really glad to share a few words today.

First, a big thank you to the entire IPF team for organising such a wonderful and well-managed seminar. It was smooth, informative, and very well put together.

Last month's session helped all of us learn a lot and clear many doubts. We also got the chance to meet and connect with so many people from the industry, which was really valuable.

A special thanks to NSE as well for their constant support throughout the event. Their inputs added a lot of clarity.

Since we are a listed company ourselves, I understand how many questions people usually have around IPOs. So, if any member wants help or wants to understand the process better, you can always reach out to me directly. I'd be happy to share whatever knowledge or experience I have.

Thank you again for having me, and I look forward to more such interactions.

Shri Rajeev Goenka

Guest of Honour
Cools Caps Ltd.

Attending the Cyber Security & Fraud seminar organized by IPF was an insightful and highly engaging experience. The session provided a clear understanding of various types of online scams and the latest tactics used by cybercriminals. The speakers explained real-world case studies that made the concepts easy to relate to. The seminar emphasized the importance of cybersecurity awareness in our daily digital interactions. The interactive Q&A session helped clarify doubts and encouraged active participation. Overall, it was a well-organized and informative seminar that strengthened my knowledge of online safety. I feel more confident in identifying and avoiding cyber threats after attending this session. Many thanks to IPF for organizing a seminar on such a Vital & Need of the hour issue.

Shri Akshay Kumar Agarwal

Hindusthan Plastics

Dear IPF team members,

"The seminar on Cyber Fraud – Safeguarding Businesses in the Digital Age was highly insightful and extremely relevant in today's rapidly evolving digital landscape. The session provided clear, practical guidance on identifying emerging cyber threats and implementing effective preventive measures. I particularly appreciated the real-world case studies and the emphasis on proactive risk management. The speakers conveyed complex concepts in a simple, actionable manner, making it valuable for both technical and non-technical participants. Overall, it was an eye-opening and enriching session that will surely help businesses strengthen their cybersecurity posture..

Regards,

Lalit Lakhani

ASL PLASTIC PVT LTD



The seminar on "SME IPO's – Fuelling Growth" was highly insightful and well-structured. The speakers provided exceptional clarity on the IPO process, regulatory aspects, and the evolving SME landscape.

The session successfully highlighted how SMEs can leverage capital markets for sustainable expansion.

Overall, it was a very engaging and informative seminar, and I am confident the knowledge gained will be valuable for entrepreneurs and stakeholders alike.

Warm Regards,
Arham Surana
 Director
 EB Plastocomp Pvt Ltd.



Thank you for the informative seminar on "Cyber Fraud - Safeguarding Businesses in the Digital Age." It was truly insightful, very relevant, and very informative for today's business environment. I appreciate the opportunity to attend.

Shri Amit Saha



Thank you for organizing such an insightful seminar on "SME IPO's – Fuelling Growth." The session offered valuable perspectives on the opportunities and challenges in the SME IPO landscape. The speakers shared practical insights that were highly relevant for entrepreneurs and investors alike. I particularly appreciated the discussions on regulatory frameworks and the roadmap for SMEs to access capital markets.

Overall, it was an engaging and enriching experience that provided great clarity on how SME IPOs can serve as a powerful catalyst for business growth.

Warm regards,
Vikram Aditya Kandoi
 Creative Poly Packs Pvt Ltd



I sincerely thank the organisers for conducting such an insightful seminar on Cyber Fraud – Safeguarding Businesses in the Digital Age.

The session was extremely informative and helped me understand various real life cyber risks businesses face today.

I learnt about call merge scams, payment-maker AI frauds, SIM swap threats, and the importance of checking secure websites ([http/https](http://https)).

The speaker explained secure card limits and OTP-based payment queries very clearly.

Topics like photo/video voice scams, Aadhaar scams, fake KYC issues, and money transfer frauds were very useful.

I also gained awareness about SMS/Email OTP scams, QR-code scams, and how fraudsters misuse apps like Artus.

The seminar highlighted practical prevention tips that I can implement immediately.

Overall, the content was simple, relatable, and highly relevant to day-to-day digital transactions.

I truly appreciate the effort taken to make the session interactive and enriching.

Looking forward to attending more such knowledge-enhancing seminars in the future.

Nawneet Sodhani
 Nawkiran Polyplast pvt ltd



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HOW AI IS SHAPING THE MSME WORKSPACE



"But I'm just a small business. AI is for the big guys, right?" Wrong. AI has become the great equalizer. Small teams can now do what used to require entire departments. You're competing with companies already using AI to respond faster, create content in half the time, and automate the administrative nightmare. While you're doing things manually, your competition is moving at 2x speed.

The question isn't whether AI is useful for your MSME. The question is: how much longer can you afford to ignore it?

While others debate whether AI will change their industry, smart businesses are already using it to reclaim hours and multiply their impact. They're not technical geniuses. They're business owners and professionals who decided to stop watching AI happen and start making it work for them.

The companies investing billions in AI aren't waiting. Your competitors aren't waiting. The only question left is: Are you?

Because AI isn't coming. It's already here. The only question is whether you're riding the wave or watching from the shore.

Time is money. AI compounds it. Let's make it work for you. Let me guess what's running through your head right now:

"I don't have time to learn AI."

"I'm not technical."

"Will AI actually save my time, or is this just another buzzword?"

"I run a small MSME—what's the use of AI for me?"

Here's the thing: *You're asking the wrong questions.*

The real question isn't whether you have time to learn AI. It's whether you can afford not to.

JP Morgan's CEO dropped a bombshell recently: they started investing in AI back in 2012. Not last year. Not during the ChatGPT hype. Twelve years ago. Today, they're

spending \$2 billion annually on AI—and seeing \$2 billion in benefits. Dollar for dollar.

While you were wondering if AI is "really necessary," the big players have been quietly using it to save time, cut costs, and move faster than ever before. If they started in 2012, it's high time we catch up.

Let's kill this myth right now: AI isn't coming for your job. It's coming for the boring, repetitive, soul-sucking parts of your job that you hate anyway. That email you've been putting off? AI drafts it in 30 seconds. The customer data you need to analyze? AI spots patterns you'd miss. The proposal that takes you hours? AI gives you a solid first draft in minutes.

AI saves time. It saves resources. But here's what it can't do—it can't replace your judgment, your relationships, your understanding of your business, or your ability to make the final call. You're still the boss. AI is just your ridiculously efficient assistant.

That is what we believe in, which is why we give AI training workshops. We believe all of this. AI is powerful. AI is essential. But here's what we kept seeing: a massive gap between people who want to learn AI and people who can actually teach it in a way that doesn't feel like a computer science degree. Most AI training is either too technical, too vague, or too expensive.

“STOP WATCHING AI HAPPEN - MAKE IT WORK FOR YOU”

Sakshi Mohta & Yashvi Bhaia
Co Founders- NextGen

TRANSFORMING RICE CULTIVATION: BOROUGE'S INNOVATIVE SOLUTIONS FOR SUSTAINABLE, WATER-EFFICIENT FARMING



In the face of mounting environmental pressures and the urgent need for global food security, the agricultural sector is seeking transformative solutions that balance sustainability with productivity. Borouge, a global leader in advanced polyolefins solutions, sought to address these issues in India with innovative solutions powered by proprietary technology that redefine the landscape of paddy farming.

Borouge's Integrated Innovative Paddy Farming Concept

In 2021, Borouge launched a first-of-its-kind integrated solution for paddy farming, combining advanced drip irrigation with custom mulch film to address the unique requirements of rice cultivation. This innovative approach leverages proprietary Borstar® bimodal technology to create high-performance polyethylene products tailored for micro-irrigation and mulch film applications. The result is a comprehensive system designed to maximise water efficiency, boost crop productivity, and promote environmental sustainability.

Collaborative Field Trials and Scientific Validation

Extensive scientific studies and demonstration trials, including those conducted with the ICAR-Indian

Agricultural Research Institute (IARI) in New Delhi, have validated the adaptability and effectiveness of Borouge's solution across diverse soil profiles.

Results have demonstrated remarkable outcomes:

- Water savings of 65-70%
- Yield improvements of up to 35% over conventional methods
- Reduced use of chemicals, thereby improving soil health
- Better weed management
- Lower greenhouse gas emissions
- Enhanced produce quality
- Earlier harvests

These data-driven results confirm the solution's value both for farmers and the environment.

From Concept to Success: Empowering Farmers with Opportunities

The development of this application concept was rooted in persistent engagement and collaboration. Borouge worked closely with farmers, value chain partners, and leading agricultural institutions to build trust and demonstrate the practical benefits of the

integrated solution through real-world field trials. By incorporating feedback and adapting to on-the-ground challenges, Borouge ensured the solution was robust, scalable, and suited to varying agricultural contexts.

Commercialisation followed rigorous validation, bringing the solution to life for farmers in water-scarce regions. Borouge’s integrated solution includes mulch films and drip lines compliant with BIS specifications. Proven in real-world conditions, Borouge’s integrated system has empowered farmers to achieve higher yields and better-quality harvests, opening new opportunities for paddy cultivation in previously challenging areas. Its versatility has made it viable across different geographic regions and soil types.

With growing confidence from the farming community, the unique Borouge integrated solution has been implemented successfully across the central and southern regions of India, covering significant number of lands across the geography. The impact of Borouge’s innovation extends beyond immediate agricultural benefits. By conserving vital water resources and enhancing food production, the solution supports farmers and rural communities, while contributing to broader goals of environmental sustainability and global food security. As climate challenges intensify, Borouge’s pioneering approach exemplifies the type of forward-thinking innovation needed to sustain rice cultivation and support resilient agricultural systems worldwide.

At a glance: Borouge’s innovative integrated agriculture solutions:

| Aquility™ Micro-Irrigation System | Mulch Films: FB1200 & Anteo™ |
|--|--|
| <p>Developed by LLDPE FB2230 & HDPE HE1440 the Aquility™ system Superior melt strength and processability</p> <ul style="list-style-type: none"> • High mechanical durability and environmental stress crack resistance (ESCR) • Compatibility with high-speed extrusion for drip laterals | <p>Borouge’s mulch films are engineered for performance:</p> <ul style="list-style-type: none"> • Excellent extrusion behaviour and mechanical strength • High stiffness, toughness, and dart impact resistance • Designed for reuse and easy retrieval after harvest |

Contributor :

| | |
|---------------|---|
| Aster Teo, | Head, Regional Marketing Packaging, Asia South, Borouge Pte, Singapore 049145 |
| Rakesh Pandya | GSM, Packaging, Indian Sub continent, BIPL, India -400063 |
| Vilas Tajane | Manager, Application Marketing, Packaging Asia South, BIPL India - 400063 |
| Sandeep Puri | Vice President, packaging , Asia South, Borouge Pte, Singapore - 049145 |

Advanced Molding Equipment System Supplier

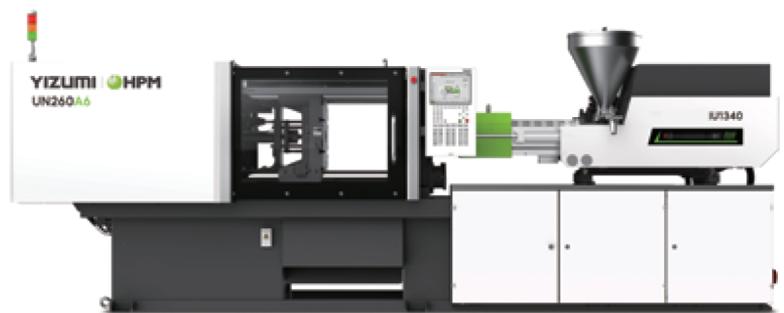
The India Gujarat factory, located in the GIDC Industrial Park adjacent to Mitsubishi Electric, covers 81,000 square meters and will meet an annual output demand of Rs. 10 billion upon completion of Phase II. The existing 20,000-square-meter Phase I facility manufactures SKIII and A6 series three-platen servo hydraulic injection molding machines, DP/D1 series large two-platen injection molding machines, and P series high-speed packaging machines for the Indian market, with an annual capacity of 2,000 units and a maximum clamping force of 4,000T.



A6 Series

Advanced and Intelligent Injection Molding Machine

90-1850T



- Mechanical structure of clamping unit – **stable, high-rigidity.**
- Mechanical structure of injection unit -- **stable, less friction.**
- YIZUMI' s new-generation energy-saving servo technology -- **reliability and durability, high-efficiency and energy saving, low noise.**
- High-precision control system -- **More accurate control on system pressure, flow, position and temperature to allow better stability of product quality and machine performance.**

Yizumi Advanced Processing Technology Pvt. Ltd.

Address: Plot No.1062-1063, GIDC-II, Sanand, Ahmedabad, Gujarat - 382170.

Tel: +91 90999 06175

Email: info.ind@yizumi.com

Web: www.yizumi.com

INDUSTRY



INDIA IMPOSES ANTI-DUMPING DUTY ON PLASTIC MACHINES FROM CHINA, TAIWAN

The Central Government on Friday announced anti-dumping duties on plastic processing machinery imported from China and Taiwan, ranging between 27 to 63 per cent. The move aims to safeguard the domestic manufacturing sector from unfair trade practices.

The decision follows a detailed investigation by the Directorate General of Trade Remedies (DGTR), which concluded that plastic processing machines from these two regions were being dumped in the Indian market, meaning they were sold at prices significantly lower than their normal value in the exporting countries. This practice was found to be causing “material injury to the domestic industry”.

The affected machinery falls under tariff codes 8477 10 00 and 8477 90 00 of the Customs Tariff Act, 1975, which typically cover injection moulding machines and other equipment used in the production of plastic goods.

The DGTR’s final findings, issued on March 27, 2025, establish these three conclusions:

1. Machinery from China and Taiwan had been exported at unfairly low (dumped) prices.
2. The domestic plastic machinery industry suffered significant damage as a result.
3. The injury was directly caused by these dumped imports.

Following these findings, the Department of Revenue issued a notification, dated June 26, enforcing the recommended duties. These duties are calculated as a percentage of the CIF (Cost, Insurance, and Freight) value of the imported goods—a method that

includes the cost of the goods, shipping, and insurance.

New duty rates are as follows:

- Dongguan Fu Chun Shin Plastic Machinery Manufacture Co, Ltd and Fu Chun Shin (Ningbo) Machinery Manufacture Co, Ltd: 48 per cent
- Chen Hsong Machinery Group, including its subsidiaries: 27 per cent
- Yizumi Precision Molding Technology Co, Ltd and affiliated firms: 35 per cent
- Husky Injection Molding Systems Shanghai Ltd: 48 per cent
- All other unnamed producers from China and Taiwan: 63 per cent
- Producers from other countries exporting from China: 63 per cent

-Source: *Business Standard*-

INDIA'S PLASTIC PIPE MARKET TO GROW, BUT PVC PRICES MAY POSE CHALLENGE

India's plastic pipe industry has a potential of significant expansion because the country's per-capita pipe consumption remains much lower than the global average, according to a recent report by Jefferies, a global investment bank and financial service company.

“India's per-capita-pipe-consumption is lower than the world average and significantly lower than the US, Europe, and China. This implies significant headroom for growth,” the report stated.

Growth and market projections

The plastic pipe sector has demonstrated strong growth, with an 8 per cent compound annual growth

rate (CAGR) in the last decade from FY15 to FY24. The report further outlined that the plastic pipe market is projected to reach a size of Rs 500 billion by FY25, driven by a resurgence in capital expenditure (capex) and a robust housing cycle.

In 2023, according to a report by market research platform Techsci Research, India’s plastic pipe market was valued at Rs 474. 47 billion. These pipes are widely utilised in a range of infrastructure projects, such as water supply, sewage systems, and gas distribution.

PVC prices a challenge

However, the report also underlined some concerns about the industry. For example, despite the optimistic outlook, the industry faces challenges from fluctuating polyvinyl chloride (PVC) prices. PVC is a key raw material for plastic pipes, and price volatility directly affects manufacturers’ margins.

The report noted, “PVC is the key raw material for plastic pipes, and its volatility is a pass-through. Any sharp fall in PVC price entails near-term inventory losses, impacting margins.”

PVC prices saw a rise from Rs 75 per kg in September 2024 to Rs 78 per kg in November 2024, followed by a 4 per cent decline in December. Such fluctuations can lead to inventory losses and destocking by distributors, affecting overall volumes.

Recovery expected

The first half of FY25 saw slower growth due to weak capex activity and high base effects from the previous year. However, Jefferies anticipates a recovery in volumes during the second half of 2025, supported by renewed capex and increased business-to-business (B2B) activity.

While demand in the housing sector remains strong, the plastic pipe segment has outpaced the tiles sector in volume growth over the past two years, a trend expected to continue.

Despite challenges posed by PVC price volatility, the long-term prospects for India’s plastic pipe industry remain strong. Favourable market dynamics, coupled with increasing infrastructure investments, position the sector for sustained growth in the years ahead, the report stated.

-Source: Business Standard-

INDIAN OIL CORPORATION LTD (IOCL): A MAJOR INTEGRATED POLYMER & PETROCHEMICALS PRODUCER

Indian Oil Corporation Limited (IOCL) is India’s leading integrated energy and petrochemicals

company and a key driver of the country’s polymer supply. A Government of India Maharatna PSU, IOCL operates a vast network of refineries, pipelines, petrochemical complexes, and distribution terminals that form a critical part of India’s energy and materials infrastructure.

IOCL is among India’s largest producers of polypropylene (PP), polyethylene (PE), and other petrochemical intermediates, serving plastics processors in packaging, pipes, molding, automotive, woven sacks, fibers, and FMCG applications.

With polymer manufacturing integrated into its refineries, IOCL plays a pivotal role in:
 Securing domestic polymer availability
 Reducing import dependency
 Stabilizing pricing across the plastics value chain

Promoters & Management

IOCL is fully government-owned, operating under the Ministry of Petroleum & Natural Gas.

Manufacturing Footprint & Polymer Complexes

IOCL has one of the widest petrochemical production footprints in India, with multiple integrated polymer manufacturing plants located within refineries.

Major Polymer-Producing Units

1. Panipat Refinery & Petrochemical Complex (Haryana) – Flagship Polymer Hub
 Naphtha cracker and polymer complex
 Produces PP – Capacity 600 KTA, (2 lines of 300 KTA each) using Spheripol Technology licensed from LyondellBasell (formerly Basell).

HDPE / LDPE – Total capacity 650 KTA, 2 lines
 Line 1 - Hostalen (LyondellBasell) Slurry Process – 300 KTA – dedicated to HDPE

Line 2 - Sclairtech (Nova Chemicals) Solution Process – 350 KTA – Swing Plant LLDPE/HDPE

2. Paradip Refinery (Odisha) – Modern Polymer Expansion

State-of-the-art refinery
 Polypropylene production through high-capacity units

Significant capacity aimed at Eastern and Southern Indian processors

This Plant has a capacity of 680 KTA of PP. It has 2 lines of 340 KTA each using Spheripol-II Technology from LyondellBasell

3. Haldia Refinery (West Bengal)

PP manufacturing
 Strategic location for Eastern India’s converting industry

4. Other Polymer-Linked Facilities

Koyali (Gujarat)

Mathura (UP)

Barauni (Bihar, upcoming polymer capacities under expansion plans)

Scale

IOCL is one of India's top three polymer manufacturers (with Reliance and GAIL).

Production touches multi-million-tonne annual capacity across PP, PE, and intermediates.

Product Portfolio – Polymers & Petrochemical Intermediates

1. Polypropylene (PP) – Major Product Line

Homopolymer

Random Copolymer

Impact Copolymer

Applications:

Woven sacks

Injection molding

Rigid packaging

Automotive parts

Houseware

IOCL PP is widely used by woven sack manufacturers due to strong consistency and availability.

2. Polyethylene (PE)

Primarily HDPE and LLDPE grades:

Film grades

Blow molding grades

Pipe grades

Rotomolding grades

Injection molding grades

Paradip and Panipat sites are key for PE production.

3. Other Petrochemical Products

PTA (Purified Terephthalic Acid)

LAB (Linear Alkyl Benzene)

MEG, Styrene & Other intermediates (through joint ventures or project partnerships)

These feed into India's textiles, packaging films, detergents, and engineering plastics.

Technology & R&D

IOCL maintains strong technology partnerships with licensors globally for:

Polymerization reactors

Gas-phase PP technologies

Slurry and solution-phase PE technologies

Catalyst systems

In-house R&D centres support:

Grade development

Application testing

Technical support to SMEs

Process optimization for polymer converters

Market Reach & Distribution

IOCL operates an extremely wide distribution network due to:

Refinery-linked depots

Channel partners across all states

Strategic coastal locations for export shipping

Who Uses IOCL Polymers?

Packaging film manufacturers

Molded product manufacturers

Woven sack producers

Pipe and infrastructure companies

Household plastic producers

FMCG suppliers

Exports

While IOCL prioritizes domestic availability, surplus polymer volumes are exported to:

Middle East

Africa/Bangladesh, Nepal, Sri Lanka

Southeast Asia

Exports include PP, HDPE, and LLDPE on a need/opportunity basis when domestic demand softens.

Competitive Positioning

IOCL is one of India's most influential polymer producers due to:

Strategic national footprint

Strong domestic distribution

Government-backed supply stability

Integrated refinery-petchem operations

Ability to respond quickly to regional demand shifts

For many processors in North, East, and Central India, IOCL is the primary polymer supplier.

-Source: plastemart.com-

FROM LOCAL TO GLOBAL: HOW INDIAN MANUFACTURERS CAN BUILD EXPORT-READY PLASTICS BRANDS

India's plastics manufacturing is ushering in a crucial growth phase - one where the focus is shifting from volume and cost to branding, design, and export maturity.

In 2023, India's plastics exports neared USD 12 billion, yet the global finished plastics trade is valued at USD 1.3 trillion, placing India's share at around 1.1%. The opportunity to grow that share is enormous.

If your company is ready to expand globally, here are the key steps to build a brand-and-export strategy:

Understand buyer expectations: Today's importers prioritise quality, consistent packaging, global certifications, and reliable delivery.

Develop a strong value proposition: Move beyond being a supplier - become a partner with design expertise, compliance assurance, and service capabilities.

Leverage trade platforms: Events like PlastiWorld 2026 connect you directly with verified global

buyers, and provide networking, export-training, and market insights.

Focus on finished goods: Whether it is consumer products, healthcare plastics, or packaging, having ready-to-market product-ready portfolios helps you compete globally.

Optimize your export infrastructure: From streamlined logistics to documentation to regulatory compliance, being export-ready gives you an edge and credibility.

-Source: *Plastemart.com*-

GLOBAL SOURCING TRENDS 2026: HOW INDIA IS BECOMING CENTRAL TO THE PLASTICS SUPPLY CHAIN

As global supply chains undergo major realignments, one message is clear - India is no longer simply a participant in manufacturing, it is fast becoming a preferred strategic partner for finished plastics sourcing.

The post-pandemic era has accelerated what analysts call the “China + 1” shift - a strategy where global buyers reduce reliance on a single country and instead build diverse, resilient, multi-sourced supply chains.

India is emerging as a key winner in this shift, thanks to cost competitive labour, a rapidly expanding manufacturing ecosystem, and export-focussed policy frameworks. According to the Indian Brand Equity Foundation, India’s plastics exports reached approximately USD 11.96 billion in 2023.

Key Sourcing Trends Driving This Opportunity:

Rising demand for finished products - Buyers now look for fully manufactured items, not raw materials alone.

Stronger emphasis on reliability, quality, compliance, and design innovation - Global sourcing priorities have evolved beyond cost alone.

Modernising manufacturing in India - Rising automation, infrastructure upgrades, and export-readiness training have enhanced capacity and competitiveness.

In this new era of global sourcing, India is taking centre stage. The next move in plastics sourcing may well shine the spotlight on Indian capacity and capability.

-Source: *BASF*-

HELP DESK

For the benefit of its members, the Indian Plastics Federation (IPF) has decided to organise a helpdesk dedicated to issues related to taxation, extended producer responsibility (EPR), and micro, small, and medium enterprises (MSME). This initiative aims to provide IPF members with free consultation and guidance to address their specific problems in these areas.

The helpdesk will offer personalised assistance, helping members navigate the complexities of tax regulations, EPR compliance, and MSME-related concerns. By offering expert advice, the help desk seeks to empower members with the knowledge and resources necessary to optimise their business operations and ensure regulatory compliance.

IPF members are encouraged to send their queries via email to the Secretariat at office at office@ipfindia.org. This streamlined process will ensure that each query is addressed promptly and accurately, providing members with the support they need to resolve their issues efficiently. This initiative reflects IPF's commitment to supporting its members and fostering a robust, compliant, and thriving plastics industry in India.

ipf INDIAN PLASTICS FEDERATION MSME HELPDESK

Dear Members,

Please note that MSME helpdesk is available to members at the IPF office on first Saturday of every month from 3:00 p.m. to 5:00 p.m. with prior appointment.

Free consultation will be provided on the following topics by Suvidha Consultants Pvt. Ltd.

- MSME Incentive Schemes & Policies of West Bengal and Central Government
- MSME Incentive Schemes & Policies of Odisha, Assam and Uttar Pradesh Government
- Project report & Finance
- Delayed Payment under MSME Samadhaan
- Udyam Registration
- Statutory licenses for setting up unit
- Advisory services for setting up new & expansion projects

Please book your time by writing an e-mail at the following e-mail IDs for consultation or assistance.

Biswaroop Chakraborty: biswaroop@suvidhaconsultants.com

Suvra Chatterjee: suvra@suvidhaconsultants.com

Suvidha Office: suvidha@suvidhaconsultants.com

With a cc to office@ipfindia.org

Time slot will be provided on first come first serve basis

(Disclaimer :- Any further services taken is at the sole discretion of the member after fully satisfying and IPF has no role in same.)

Phone 033-2217-5700 | 033-4604-7820 | +91 79808 04570 (OFFICE)

Send your e-mail at least 3 days in advance for time slot booking (office@ipfindia.org)

ipf INDIAN PLASTICS FEDERATION

TAXATION HELPDESK

Dear Members,

Please note that Taxation helpdesk is available for members at the IPF office on the fourth Saturday of every month from 1:00 p.m. to 3:00 p.m. with prior appointment.

Free consultation and guidance will be provided by CA Suruchi Agrawal

Please send your queries to us at the following email IDs for consultation or assistance.

CA Suruchi Agrawal : ag.suruchi05@gmail.com

With a cc to office@ipfindia.org

(Disclaimer :- Any further services taken is at the sole discretion of the member and IPF has no role in the same)

Phone 033-2217-5700 | 033-4604-7820 | +91 79808 04570 (OFFICE)

Send your queries 3 days in advance for effective addressal (office@ipfindia.org)

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Take away fistful of benefits
by investing negligible
membership fees

PRIVILEGES OF BEING IPF MEMBER

- Monthly subscription to Plastics News Magazine "Plastics India".
- Access to all important information regarding the plastic industry.
- Join IPF Delegations to International Exhibitions. Chinaplas, & K Fair
- Web Banner Promotion/ Advertisements with a link to Members "website at a Concessional rate.
- IPF is a great networking platform to make & meet fellow Industry colleagues.
- Promote Plastic Parks in West Bengal.
- Receive invitations to Seminars, Conferences, Webinars, Training Programmes, Workshops.
- Representation in Trade Bodies & Committees of the Government of India which works towards the promotion of Plastics & Petrochemical industries.
- Make representation to various Ministries for Members' grievances on topics regarding the industry, environment, excise, Custom/ FTA, etc.
- Discounted rate for Members in Indplas exhibitions.



CONTACT US FOR MORE INFORMATION

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 www.ipfindia.org

 INDIAN PLASTICS FEDERATION
8B, Royd Street, 1st Floor Kolkata - 700 016



INDIAN PLASTICS FEDERATION

We are delighted to extend a warm welcome to the newest members of the Indian Plastics Federation (IPF). Your presence adds strength, diversity, and fresh perspectives to our ever-growing community. As we work together towards innovation, sustainability, and growth in the plastics industry, we look forward to your active participation and valuable contributions.

To those who are yet to join us – we invite you to become a part of this dynamic and forward-looking federation. Together, let's shape the future of the Indian plastics industry.

1

- a) Name of the Firm : **M/S RAJDA CHEM PVT. LTD.**
- b) Address : 10, Pollock street, 3rd Floor, Kolkata – 700001
- c) Mobile : 9830039618
- d) Email : dipakshah658@hotmail.com
- e) Class of Membership : Conversion from Dealer to Life Dealer Member
- f) Representatives : 1. Mr. Dipak K Shah – Director
2. Mr. Dipak J Gathani – Director
3. Mr. Bharat K Shah – Director
- g) Items Manufactured/Traded : Dealing in Chemicals which Caters to Plastic Industries

2

- a) Name of the Firm : **M/S SHYAM DURAFLOW LTD.**
- b) Address : 504, PS Pace, 1/1A, Mahendra Roy Lane, Kolkata – 700046
- c) Mobile : 9831593425
- d) Email : shyamduraflow@gmail.com
- e) Class of Membership : Life Manufacturer Member
- f) Representatives : 1. Mr. Ashutosh Gadodia – Director
2. Mr. Shashank Dharnidharka – Director
3. Mr. Bimal Jhavar – Director
- g) Items of Manufactured/Traded : Manufacturer of O-PVC Pipes

3

- a) Name of the Firm : **M/S SAMIR PLASTIC.**
- b) Address : 7/8 Jagadish Chandra Bedabyas Lane, Salkia, Howrah -711106
- c) Mobile : 9831675272
- d) Email : samir.samirplastic.kolay8@gmail.com
- e) Class of Membership : Life Manufacturer Member
- f) Representatives : Mr. Soma Koley – Proprietor
- g) Items of Manufactured/Traded : Manufacturer of Plastic Toys.

4

- a) Name of the Firm : **M/S TRIVENI CHEMICALS**
 b) Address : 32, Lake Temple Road, Ground Floor, Opp: Mudyali Shib Mandir, Kolkata – 700029
 c) Mobile : 9830335124 / 9903214312
 d) Email : trivenichemicals.singhanias@gmail.com
 e) Class of Membership : Conversion from Dealer to Life Dealer Member
 f) Representatives : 1. Mr. Uttam Kr Singhanias – Partner
 2. Mr. Ashish Singhanias – Partner
 3. Mrs. Kanta Debi Singhanias – Partner
 g) Items of Manufactured/Traded : Dealing in Titanium Dioxide, PVC Resins, Calcium Powder, Plastics raw materials etc.

5

- a) Name of the Firm : **M/S VAIBHAV MINERALS & CHEMICALS**
 b) Address : Shop No. 1, Galaxee Apartment, 29, Dr. Gopal Chatterjee Road, Suckhar, Sodepur, Kolkata – 700115
 c) Mobile : 8230077007 / 9319537007
 d) Email : vaibhav.minchem@gmail.com
 e) Class of Membership : Annual Associate Member
 f) Representatives : 1. Ms. Seema Agarwal – Proprietor
 g) Items of Manufactured/Traded : Importer of calcium mineral powder. Deals in Plastic raw materials, Pigments & PVC resins

6

- a) Name of the Firm : **M/S MASKARA IMPEX LLP.**
 b) Address : Suit No. 1A, 1st Floor, Edcons Court, 7/1B Hazra Road, Kolkata – 700026
 c) Mobile : 9903090099
 d) Email : maskaraimpexllp@gmail.com
 e) Class of Membership : Life Dealer Member
 f) Representatives : 1. Ms. Esha Maskara – Partner
 2. Mr. Nitin Maskara – Partner
 g) Items of Manufactured/Traded : Trading in Polymers.

7

- a) Name of the Firm : **M/S SHREE POLY PACKAGING**
 b) Address : Satish Industrial Complex, Vill- Jaladhulagori, P.O.- Dhulagarh, P.S. – Sankrail, Howrah – 711302
 c) Mobile : 9088023221
 d) Email : shreepolypackaging2022@gmail.com
 e) Class of Membership : Conversion from Manufacturer to Life Manufacturer Member
 f) Representatives : 1. Mr. Rakesh Jangra – Partner
 2. Mr. Mayur Patel – Partner
 g) Items of Manufactured/Traded : Manufacturer of Stretch Films.

8

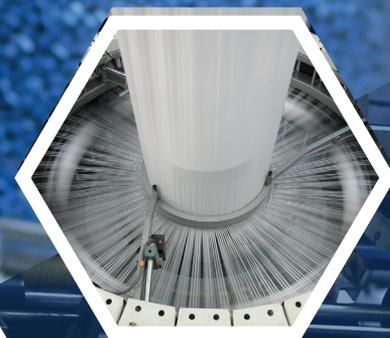
- a) Name of the Firm : **M/S KAUSIK PRINTING INK.**
 b) Address : 30, Peary Mohan Mukherjee Street, Belurmah, Howrah – 711202
 c) Mobile : 9830042881
 d) Email : KAUSHIKINK@gmail.com
 e) Class of Membership : Life Dealer Member
 f) Representatives : 1. Mr. Kushal Kr Roychowdhury – Partner
 2. Mr. Kausik Roychowdhury – Partner
 g) Items of Manufactured/Traded : Manufacturer and Exporter of Flexo & Roto Granure Printing Ink.

Plastic Exhibition At a Glance

| | | | |
|---|---|--|--|
| <p>Plastex 2026</p> <p>11th-14th January 2026 Egypt International Exhibition Centre Organizer: DMG Events</p> | <p>Plastindia 2026</p> <p>5th-10th February 2026 Bharat Mandapam Bew Delhi Organizer: Plastindia Foundation</p> | <p>ChinaPlas 2026</p> <p>21st-24th April 2026 NECC Hongqiao Shanghai Organizer: Adsale</p> | <p>14th Die & Mould India International Exhibition 2026</p> <p>21st-24th April 2026 Bombay Exhibition Centre Mumbai Organizer: Tool & Gauge Manufacturers Association of India (TAGMA)</p> |
| <p>Plast 2026</p> <p>1st May - 30th June 2026 Milanofiori Business Centre Itly Centre, Greater Nodia, N.Delhi Organizer: Promaplast SRL</p> | <p>Hiplex 2026</p> <p>7th-10th August 2026 Hitex Exhibition Centre Hyderabad Organizer: Telangana & Andhra Plastics Manufacturers Association</p> | <p>Fakuma 2026</p> <p>12th-16th October 2026 Messe Friedrichshafen Germany Organizer: P.E.Schall GmbH & Co. KG</p> | <p>Plastivision 2027</p> <p>21st-25th January 2027 Bombay Exhibition Centre Metro Station Goregaon Mumbai Organizer: AIPMA</p> |
| <p>Arab Plast 2027</p> <p>24th-26th March 2027 Dubai World Trade Centre, Dubai, UAE Organizer: Al Fajer Information and Services</p> | <p>NPE: The Plastics Show 2027</p> <p>3rd May-7th May 2027 Orange Country Convention Centre, Orlando USA Organizer: Plastics Industry Association</p> | <p>IPLAS 2027</p> <p>11th-14th June 2027 Chennai Trade Centre Chennai Organizer: The Tamilnadu Plastic Manufacturers Association</p> | <p>Plasto 2027</p> <p>24th-27th November 2027 Piecc, Moshi, Pune Organizer: Association for the Promotion of Plastics</p> |
| | <p>Indplas 2027</p> <p>20th-23rd November 2027 Biswa Bangla Mela Prangan (Milan Mela), Kolkata Organizer: Indian Plastics Federation</p> | <p>Plastfocus 2028</p> <p>10th-15th February 2028 Helipad Exhibition Centre, Gandhinagar, Gujarat Organizer: Triune Exhibitors Pvt. Ltd.</p> | |



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