

Your Trusted Source
for Industrial Plastics



**Chennai
Polyplast**



Chennai Polyplast

Stockists of premium industrial plastics,
delivering the right material, at the right time,
with uncompromised quality.

ABOUT US

For over 25 years of experience, Chennai Polyplast has been a dependable partner in the industrial plastics marketplace, specialising as a premium stockist of quality plastics and engineered polymer solutions. Based in Chennai, we bridge manufacturers and end-users by maintaining a wide inventory of industrial-grade plastics ready for rapid dispatch, enabling manufacturers, fabricators and engineering operations to move fast and avoid production delays.

Our role as a stockist allows us to:

- Offer broad product availability from multiple trusted brands.
- Deliver just-in-time stock so you can keep your operations lean.
- Provide material expertise and help you select the right polymer for your application.

With our deep market knowledge, regional reach, and decades of experience, Chennai Polyplast supports the manufacturing, processing and assembly industries with the plastics they need, reliably, efficiently and cost-effectively.



OUR MISSION

- To maintain a comprehensive and diverse portfolio of engineering and industrial plastics from best-in-class brands.
- To deliver accurate, timely, and efficient supply-chain support so our clients never face downtime for material shortages.
- To act as a consultative partner, helping you choose the right material grade, size and delivery format for your production.
- To build long-term relationships with manufacturers, fabricators and end-users based on reliability, integrity and responsive service.

OUR VISION

To be the preferred plastics inventory partner for the Indian industrial sector, an organisation trusted for stock availability, expert guidance and rapid supply so our customers always have the material they need when they need it.

OUR GOALS

- Expand our product catalogue continually, keeping pace with emerging polymers and new material grades.
- Keep our stock inventory fresh and regionally optimised, so lead-times are reduced and availability maximised.
- Provide value-added services such as material recommendations, sizing conversions and batch tracking.
- Position ourselves as the logistics-efficient stockist of choice for Chennai, Tamil Nadu and South India.
- Strengthen partnerships with both international polymer suppliers and local fabrication houses to maintain a win-win supply ecosystem.

INDUSTRIES WE SERVE

At Chennai Polyplast, our focus is strongly industry-centric. We serve a wide array of sectors, supplying plastics that meet the demanding requirements of each application. Among them:

Automotive & Components – plastic rods, sheets and sections for machine parts, fixtures, jigs, mould-inserts and fabrication.

Electrical & Electronics – insulating plastics, polymer sheets for PCB supports, cable ducts, panel fabrication and other critical components.

Chemical & Process Industries – materials resistant to aggressive chemicals, high temperatures, abrasion – for use in valves, fixtures, linings and supports.

FMCG & Packaging – plastic sheets, rolls and parts used in the support-frames of packaging machines, conveyors, storage systems.

Textile Manufacturing – plastics for machine parts, bearings, scrapers, guides and other wear-parts in textile production lines.

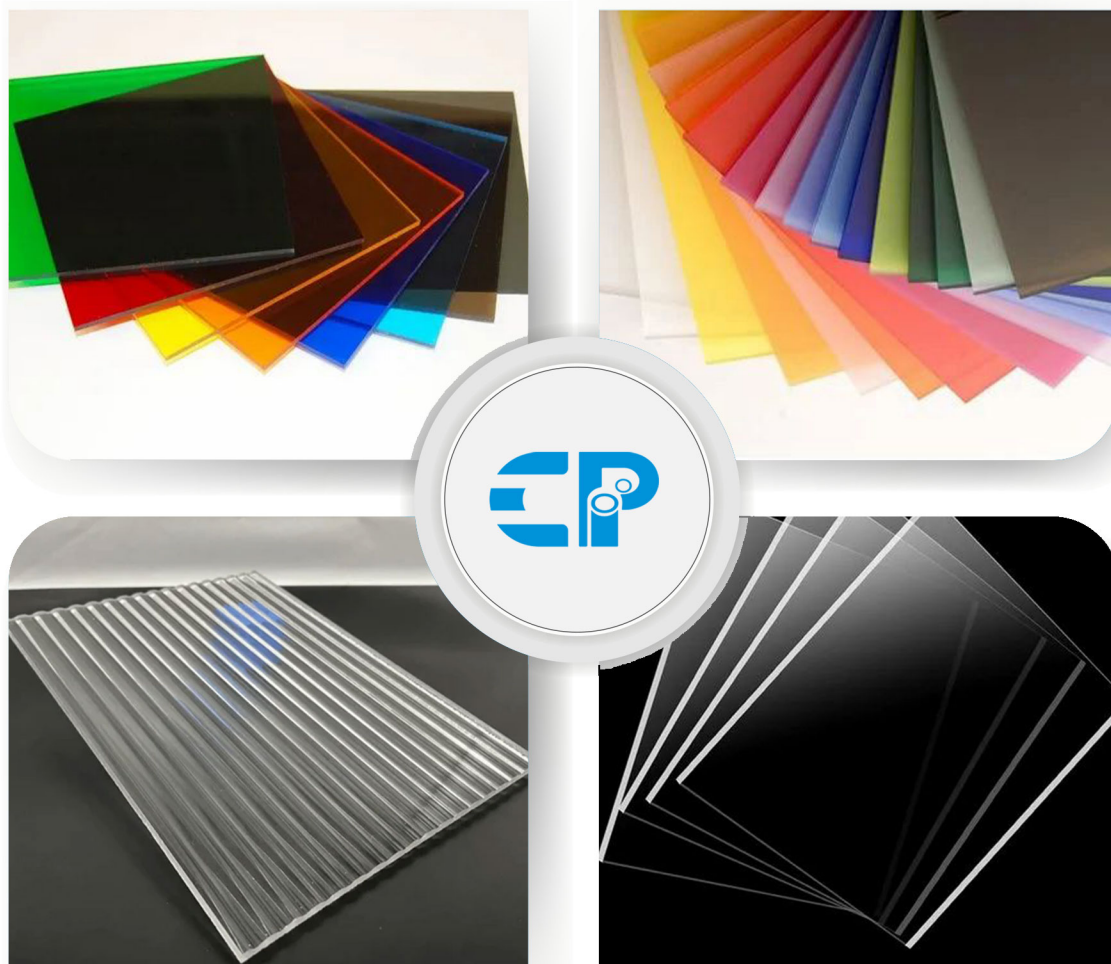
Agriculture & Horticulture – plastic components for drip-irrigation systems, greenhouse frames, component brackets, protective structures.

Construction & Infrastructure – robust sheets and rods used in form-work, scaffolding supports, structural components, sign-frames and fabrication applications.

Logistics & Warehousing – polymer boards, heavy-duty plastic sheets, rollers and guides used in racking systems, conveyor lines, loading docks.

Our extensive industry knowledge means we understand the demanding environments you operate in: high-cycle production, aggressive chemicals, heat, abrasion and precision tolerances. We make sure you get the plastics that match your operational challenge and have them ready when you need them.

GPSS (PS) SHEET



Product Description

PS/ Plastic Sheet possess excellent Transparency & Compactness. Having Crystal Clear appearance on Transparent Sheet, light weight & easy to install. PS Sheets are Cost effective, Shatter resistant, transmits 90 % of light and can be cut into ideal shapes for varied applications. Available in Transparent, Semi - Transparent, Colours in Huge range / specific colour can be on request and range of Embossed design on Surface. PS Sheets are safe guarded with Supreme Quality Protection Masking Kraft Paper & Poly Ethylene Film which acts as damage proof while on transit or material handling.

PS Textured Sheet: Different Texture Finish on Surface of the Sheet caters to a wide range of application like Partitions, Ceiling, Window Panel, Door Panel, Printing & many more. PS Textured Sheet is intended primarily for areas such as interior fittings for decoration, display and point-of-sale, visual merchandising, store design and where safety requires the light-weight and shatter resistance of PS plastic sheet.

Our R&D & Qualified Engineers have lead us achieve Un-matched Quality, Dimension Stability, High- durability, water resistant & possess capability in enhancing luminance.

Surface Texture

- 3D Checks
- Bubbles
- Sea Gul
- Ice Crush
- Star, Rift
- Matt, Karakachi
- Prismatic

Surface Protection

- Kraft Masking Paper
- PE Masking

Applications

- Kitchen Cabinets
- Shower Doors
- Exhibition Stand
- Home Decor
- Photo Frame
- Display
- Fluorescent Light Panels
- Partition
- Wall Decoration
- Ceilings
- Sign Board
- Name Plates

Test Properties

Test Items	Test Methods		Unit	Values
Specific gravity	JIS K7112 A (Method)	ASTM D792	-	1.04
Vicat Softening Temperature	JIS K7206 (B50)	ASTM D1525	°C	95
Izod Impact Strength	JIS 7110	ASTM D256	KJ/m ²	1.9
Flexural Modulus	JIS 7171	ASTM D790	MPa	88
Tensile Strength	JIS 67162	ASTM D638	%	2.2
Heat Deflection Temperature at 0.45 Mpa		ASTM D648	%	97

Available in

Colours

Off White -040, Milky White, Smoke, Black, Green, Green Trans, Red, Red Trans, Blue, Blue Trans, Orange, Orange Trans, Yellow, Yellow Trans and Customise.

Dimensions

Thickness: 0.8 mm ~ 18 mm Standard Size

Length: 8 X 4, 6 X 4, 4 X 3 (ft)

Width: 915 mm - 1220 mm

Note: The technical data and values provided in this catalogue are for reference purposes only. Actual performance and specifications may vary depending on processing conditions and application requirements. The company reserves the right to modify data without prior notice.



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