Your Trusted Source
for Industrial Plastics

Chennai Polyplast

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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.

Chennai PolyPlast

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.

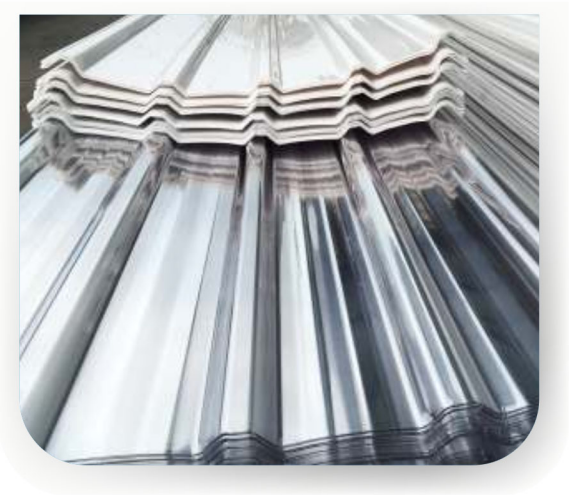
Agriculture & Horticulture – plastic components for drip-irrigation systems, greenhouse frames, component brackets, protective structures.

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.

POLYCARBONATE PROFILE SHEET



Chennai Polyplast profiled polycarbonate sheets fall under 2 basic categories. They are

1. Extruded Polycarbonate Profile Sheets
2. Cold Profiled Polycarbonate Sheets

Extruded Polycarbonate Profile Sheets are given their distinctive shapes or profiles at the time of being manufactured itself with the help of a set of integrated rollers which are engineered to impart the required shape at the time of extrusion itself. Extruded Polycarbonate Profile Sheets have certain distinct advantages when compared with profiled sheets manufactured by any other off-line manufacturing technique.

The Distinct advantages of Extruded Polycarbonate profile sheets are:

- The Sheets are stress free and extremely stable
- Greater details in profile are possible which include baby ribs & ant-capillary grooves
- Sheets can be manufactured to tailored lengths thereby reducing overlaps
- The sheets tend to retain their profile dimensions even when subjected to load
- The dimensions are consistent and ensure perfect nesting every time

However, the rollers that impart the permanent shapes to Extruded Polycarbonate Profile Sheets require large capital investment. Thus, a commitment to purchase from the Customers are required to develop these rollers as and when required.

The Advantages of Cold profile polycarbonate sheets are:

- They do not require any specific die and hence most basic profiles can be manufactured
- Cold profiling method can be used to make profiles in tailor-made widths (Strip / Tube Lights)
- Chennai Polyplast Cold Profiled Polycarbonate Sheets offer 10 Years Conditional warranty after being profiled
- Small quantity orders can be processed quickly and conveniently

Chennai Polyplast Profiled Polycarbonate Sheets can be made from Solid Clear & Embossed Polycarbonate Sheets and offer a wide range of natural lighting options.

Applications

- Industrial Skylights & Daylight Panels
- Daylight Panels for Pre-Engineered Buildings
- Skylight & Cladding Panels for Warehouses & Godowns
- All types of daylight applications in structures where profiled roofing sheets are used

Chennai Polyplast Profiled Polycarbonate Sheets have been found to deliver energy savings in terms of reduction in electricity consumption. The average payback period is estimated to be between 10 to 12 months. Tilara Profiled Polycarbonate Sheets carry a 10 Years Conditional Warranty. Your assurance of savings for years to come.
Plus, your contribution towards a Greener Planet Earth!!

Available in

Colours

Clear, Opal, Grey, Bronze Greenish blue, Green & Blue

Thickness

0.8 mm to 3mm

Width

Customize size available

Type

Options

Embossed texture, Diamond texture, Single side UV protection & both sided UV protection

Specials

Special transparent, Translucent & Opaque options are available on request.

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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