



SANGIR PLASTICS P. LTD

**INDUSTRIAL SHEETING
SOLUTIONS**

Product Range & Sizes

High Density Polyethylene (HDPE)

PE Material has a very good chemical resistance and a high resistance to stress cracking against many organic and inorganic media. It stands out for its high toughness with good stiffness. The operating temperature ranges from 50deg.C to 75deg.C

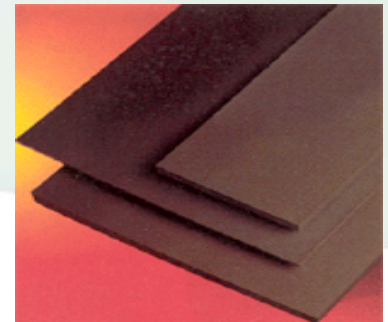


APPLICATIONS: -

APPLICATION EXAMPLES

- Engineering
- Food Processing
- Construction
- Telecommunication
- Electrical Engineering
- Textile Processing
- Automotive, etc.,
- Geo Textile , Earth Applications
- Liner for Gas Lines, other Lining jobs

- Transport containers
- Plugs
- Housing
- Windings for textile production
- Corrosion protection seals
- Grips
- Cover strips
- Gearwheels



COLORS: NATURAL, BLACK

Thickness	Sizes available
1,1.5,2,3,4,5 mm	4' x 8', 1M X 2M, 1.25M x 2 Mtrs 1.5M x Desired Length
8, 10,12 mm	4' x 8', 1M X 2M, 1.25M x 2 Mtrs 1.5M x Max 3 mtrs

Polypropylene (PP) - Co-Polymer, Homo

Polypropylene (PP) is a semi-rigid, translucent polymer with good toughness and weather resistance properties. It has low water absorption and is easily moulded as low cost. Polypropylene is a largely non-polar, partially crystalline thermoplastic with a crystallinity of 60 to 70%. PP has a density of 0.90 to 0.91 g/cm³ which is amongst the lowest densities for all plastics. PP has a non-swelling and insoluble surface; and is characterized by its outstanding chemical resistance, high thermal resistance and good fatigue strength.



APPLICATIONS: -

INDUSTRIAL RANGE

- Air Ducting for Ventilation System
- Electro-plating lines, Fume Scrubbers
- Tanks for plating, Chemical tank&lining
- Anti-pollution control system
- Corrosion control system
- Metal surface treatment (Plating System)
- General machining, Auto plating line
- Electronical cell mat and cutting board
- Automation system, Plating racks
- Garbage Cans

COMMERCIAL RANGE

- P.P. Files, Bags, Boxes
- Table Mats
- CD Holders & Mouse Pads
- Door Cladding

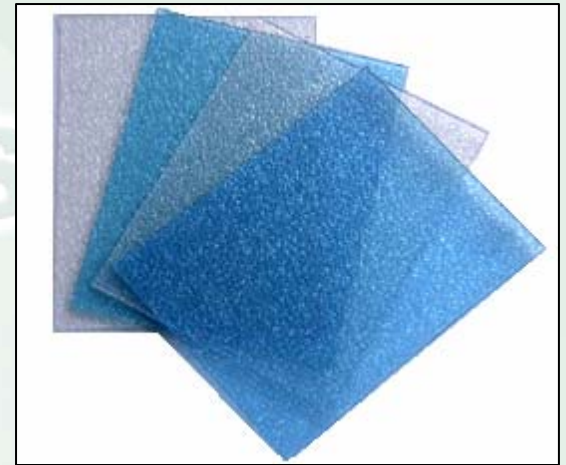
COLORS: NATURAL, GREY , RAL 7032

Thickness	Sizes available
1, 1.5, 2, 3, 4, 5, 6, 8, 10 mm	4' x 8', 1M X 2M, 1.25M x 2 Mtrs 1.5M x Max 3 mtrs



High Impact Polystyrene (HIPS)

HIPS is a relatively rigid and fragile material. Easy to work with material, featuring good transparency properties, and it floats well. The shrink value is low implying low skewing tendencies



APPLICATIONS: -

- Decorative Panels
- Ceiling panels in colored prints
- Sheets for Refrigeration Industry
- Publicity and Display
- Disposables
- Vacuum Flocked Tray etc.
- Toys
- Household appliances
- Cases, Boxes, Calculators, computer housings.

COLORS: CLEAR, BLUE OTHERS ON REQUEST

Thickness	Sizes available
1,1.5,2,3,4,5 mm	4' X 8'
8, 10mm	4' x 8', 1M X 2M, 1.25M x 2 Mtrs 1.5M x Max 3 mtrs

Acrylonitrile Butadiene Styrene (ABS)

ABS is made of a hard and a soft phase whose interaction yields a combination of different properties. ABS is a modified SAN (Styrene Acrylic Nitride) for enhanced mechanical properties, however still retaining some basic properties, such as small shrink factor. ABS sheet has high-impact strength with a textured hair-cell finish on one side. It can be sawed, routed, glued and heat formed.



APPLICATIONS: -

- Thermoforming of Seat Back
- Durable Engineered Parts
- Automotive & Electronic Accessories
- Base for Molded Furniture
- Thermoforming of Electrical Housing
- Doors
- Instrument Panels
- Bumper & Dash Board

COLORS: BLACK, OTHERS ON REQUEST

Thickness	Sizes available
0.2, 0.9, 2,3,5,6,8,10mm	4' x 8', 1.5 M x 2 or 3 Mtrs

Poly Propylene Glass Lined (PPGL)

PP Sheet Laminated with glass woven fabric. This inline bonding due to laminated process gives the sheets optimum bond strength. The glass fabric provides the base for subsequent applications of polyester resins, glass fiber or glass matting reinforced coats. The composite also provides enhanced product performance with respect to improved mechanical and high temperature resistance.



APPLICATIONS: -

- Chemical Storage Tanks
- Acid Alkali Storewells
- Vessels
- Pipes
- Scrubbers
- Ductings

COLORS: BLACK, OTHERS ON REQUEST

Thickness	Sizes available
2,3,5	1.5M x 10 Mtrs Long