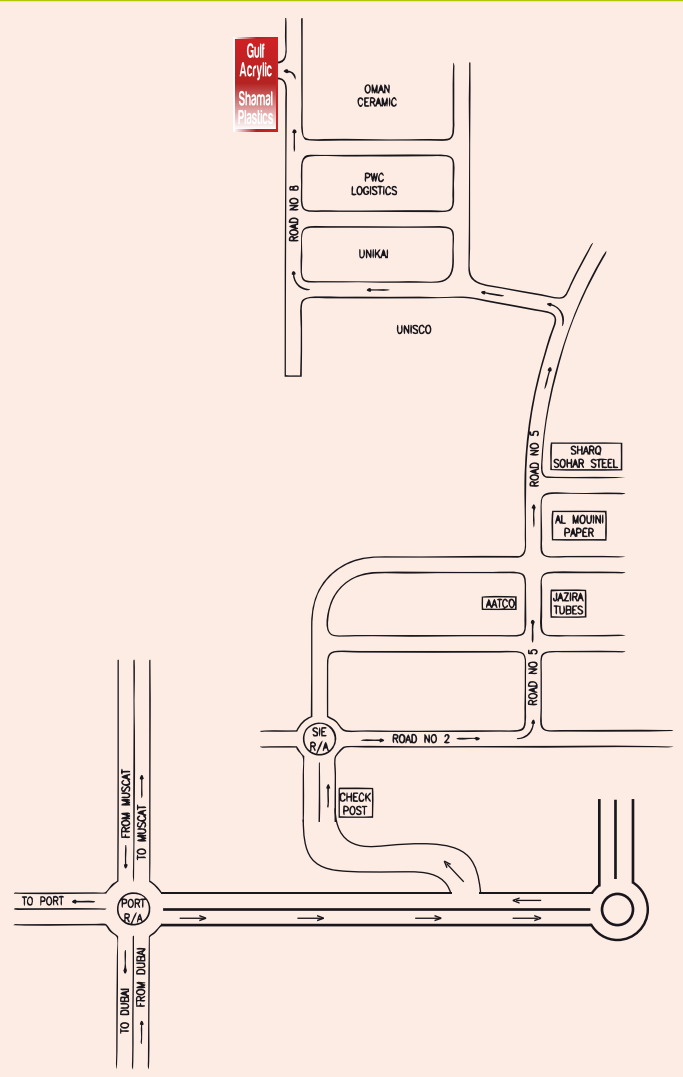
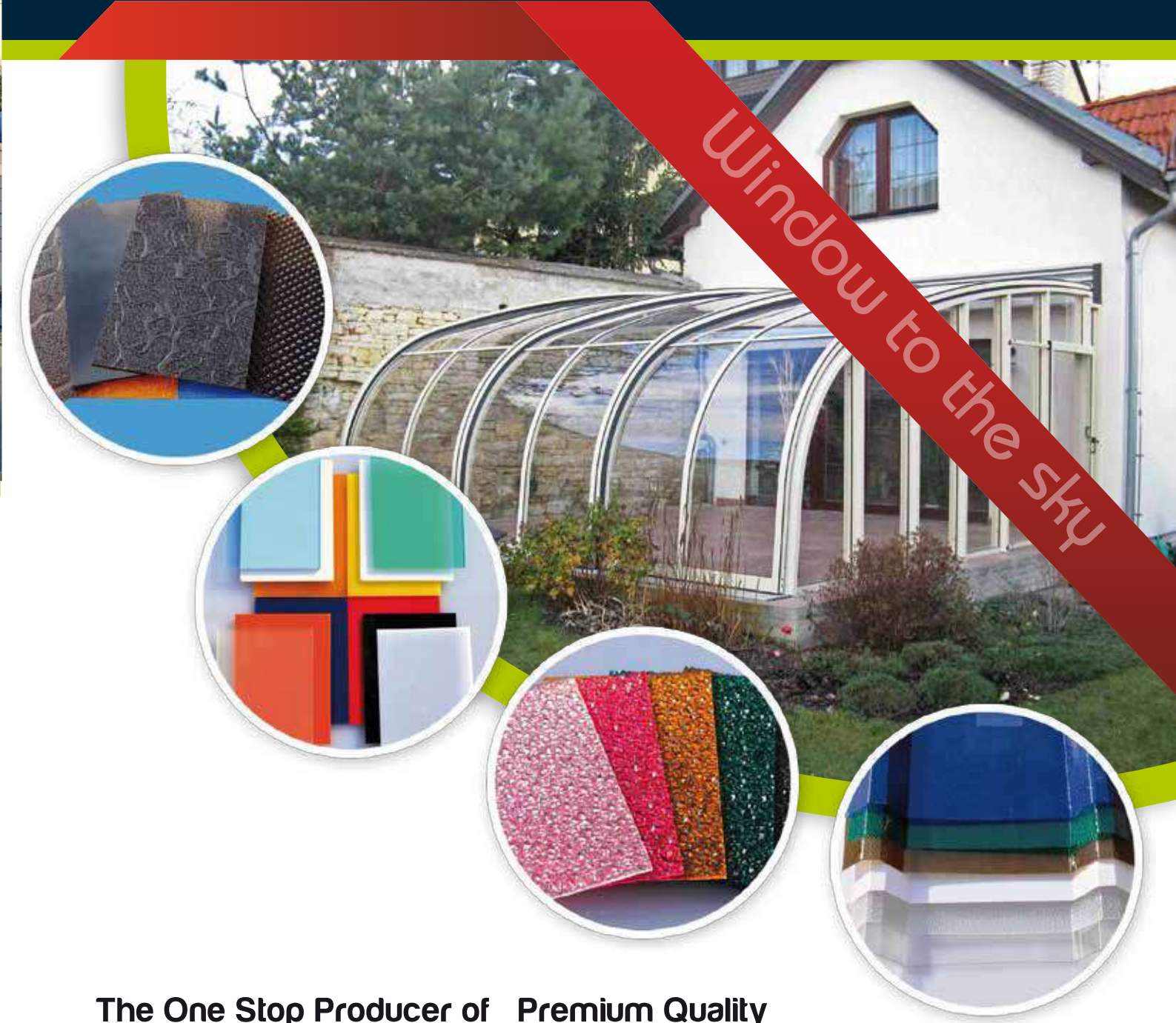




Shamal Plastic Industries LLC



Shamal Plastic Industries L.L.C

Factory

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The One Stop Producer of Premium Quality
Thermoplastic Sheets


polygulf


styrenegulf®


acrygulf®



About US

Shamal Plastic Industries LLC are global leaders in sheet extrusion manufacturing of

- **POLYGULF® Polycarbonate - PC**
- **ACRYGULF® Poly methyl methacrylate - PMMA (ACRYLIC)**
- **STYRENEGULF® General purpose polystyrene - GPPS**
- **Styrene Acrylonitrile - SAN**
- **Acrylonitrile Butadiene Styrene - ABS**
- **Polyethylene Terephthalate - PET-G**
- **Acrylic Capped ABS: PMMA-ABS-PMMA**
- **POLYGULF® Corrugated Polycarbonate Sheets**
- **Thermoformed Articles**
- **Mirror sheets**

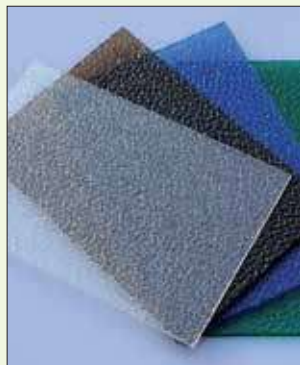
A driving force in GCC since 2001, which, after inception expanded to cater needs of global market. With each passing year Shamal Plastic Industries LLC has evolved as quality supplier to their customers. Our Strategy is aligned for sustainable long term growth. Our Strengths include our quality, close collaboration with customer, our product portfolio, our service to customer and our research oriented approach to new developments. Our products are exported to more than 50 countries across the globe.

Our Objective

- To become global supplier of Extruded Thermoplastic sheet products
- To work with customers to create innovative products for sustainable growth
- To enable our customers to benefit from customized solutions with quality products and better supply chain

Our Competitive edge

- State of the art production facility
- Wide Product portfolio with customized solution
- Timely delivery
- Constant innovation



Our Office Location

Shamal Plastic Industries LLC is Located in the city of Sohar, the second biggest city in Oman. It is 250 Kilometers from the capital city Muscat on one side and 265 Kilometers from Jebal Ali, Dubai on the other. We are well connected by road with GCC while Sohar sea port and airport are within range of 10 kilometers adding an easy accessibility for global customers. We have sales offices in London with a dedicated Sales manager and remaining markets are handled by Sales managers located in HQ in Sohar, constantly servicing our valued customers.

Commercial Strength

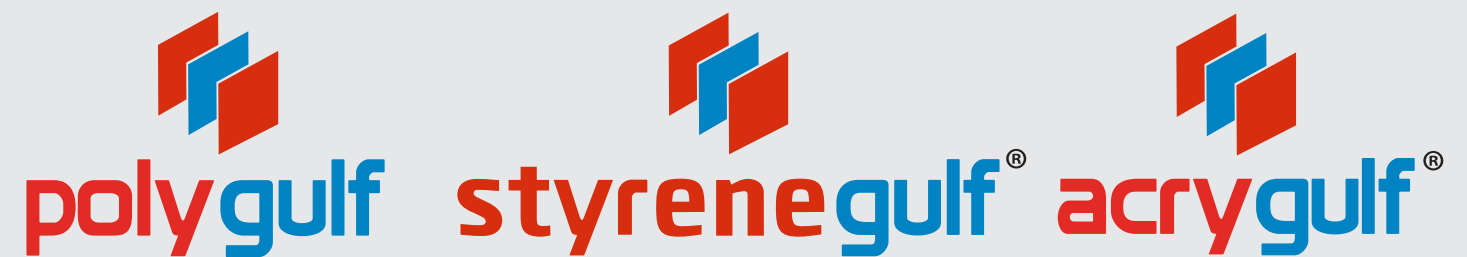
Shamal Plastic Industries LLC has three state of the art Italian "OMIPA" extrusion lines, two corrugated lines and one each, thermoforming & Mirror lines. We offer a wide variety of extruded thermoplastic sheets & thermoforming products conforming to international standards. Our highly skilled and experienced staff ensures that all our products maintain the highest levels of quality at all times and orders are delivered on time.

Our production capacity is 25,000 MT per annum across our wide range of products. Our major Imports of polymer resin are from suppliers like Sabic/Covestro/Evonik /Toray/ Sumitomo, LG etc.

Customer Service

Shamal Plastic Industries LLC customer base is widely spread across the globe and we have been exporting our products to over 50 countries, supplying high quality products with timely delivery over the years has ensured that most our customers have been with us for over a decade. Our motto for customer relations is, 'Once our Customer, Always our Customer!'

We have a selected group of well trained staff, with strong domain expertise, which guarantees quality advice & technical assistance for our customers. Our core focus is on delivering high quality products consistently with timely supply and proper communicating with our customers enabling a safe and secure transaction with us.



Shamal Plastic Industries LLC

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www.shamalplastics.com

POLYGULF® Polycarbonate sheets are made from raw materials sourced from some of the best suppliers in the industry. We use only prime quality virgin raw materials. The product range of polycarbonate sheets come with different colours and can be customized as per customer requirement.

We also manufacture these sheets with patterns to suit various applications.

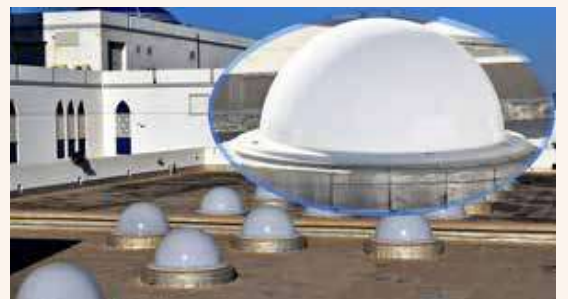
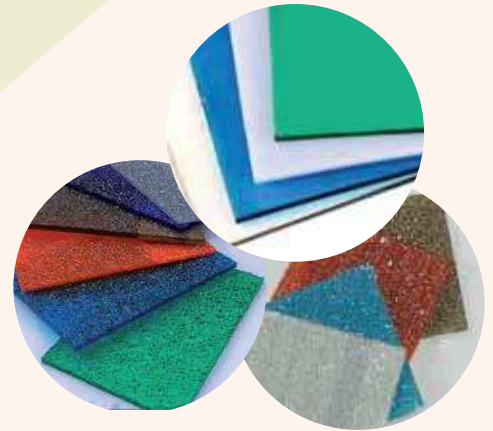
POLYGULF® Polycarbonate sheets are also available with UV coating. These sheets are produced with co-extruded UV protection that permits them to be used in exterior applications in which they are exposed to UV light.

Ranges of POLYGULF® Polycarbonate Sheet

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
PC Solid rolls	Clear, Opal, Bronze, Blue, Green	0.5-3.0	1220 x 30,500
PC Solid sheet	Clear, Opal, Bronze, Blue, Green	1.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050
PC Solid sheet-UV2			
PC Crystal	Clear, Opal, Bronze, Blue, Green, Orange	2.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050
PC Inward Crystal			
PC Textured	Clear, Opal, Bronze, Blue, Green, Orange	1.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050 (PC rolls possible for thickness upto 3mm)
PC Maze			
PC Delta			
PC Rain Drop			
PC Pinseal			
PC Waterfall			
PC Diffuser Plain	Clear, Opal	1.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050
PC Diffuser Matte			
PC Prismatic sheets	Clear, Opal	2.8-20.0	2000 x 3000; 2050 x 3000; 2050 x 3050

***2.5 Mtr [2500mm] width possible in Plain sheets from 2 mm to 12 mm thickness

Note: Customized sizes and colors can be made available



Features of Polycarbonate Sheets

Fire Retardant (Self Extinguishing)

POLYGULF[®] Polycarbonate sheets have an excellent flammability rating (UL94 V-2), are self extinguishing and suitable for using in areas prone to fire. These sheets do not release toxic gases and are comparatively much less flammable than GRP sheets.

Excellent Impact Resistance

POLYGULF[®] Polycarbonate sheets possess exceptional impact resistance. Manufactured from high quality virgin resin, polycarbonate has 250 times the impact strength of glass and up to 40 times that of Acrylic (PMMA) sheets of similar thicknesses. POLYGULF[®] solid sheets are virtually unbreakable.

Superior Clarity & Light Transmission

POLYGULF[®] Polycarbonate Clear Solid sheets are as transparent as glass and have a light transmission of 90 %. These sheets are also available in translucent configuration for better light diffusion.

Weather Protected

POLYGULF[®] Polycarbonate Solid sheets possess a special Ultraviolet barrier, which cuts off 99.9% of harmful ultraviolet radiation. This protection ensures zero damage to UV sensitive products like, furnishings and upholstery, paint, carpets and also prevents harm to the human skin. Further, this UV layer is co-extruded and hence cannot peel or delaminate from the sheet, ensuring long term durability and sustained weather protection.

Design Flexibility

POLYGULF[®] Polycarbonate sheets can be cold curved in both directions. That is parallel or perpendicular to the line of extrusion. This offers design flexibility to install these sheets over curved roofs or walls (Radius of curvature will be defined by the thickness of sheet to be used).

Broad Range Temperature Resistance

POLYGULF[®] Polycarbonate sheets remain stable under

extreme climatic conditions, remaining virtually unchanged between temperatures of -20 °C and +120 °C. This signifies that the sheets can perform below freezing point and above boiling point of water. Adequate allowance needs to be made for thermal movement in the fixing arrangement.

Better Heat/ Thermal Insulation

POLYGULF[®] Polycarbonate sheets exhibit better insulation values against heat or cold when compared to glass or GRP sheets.

Handling with Ease

Due to their relatively lightweight and high impact strength, POLYGULF[®] Polycarbonate sheets are convenient to store, handle and install. Conventional tools can be used to cut, trim or drill holes in the sheets.

Chemical Resistance

POLYGULF[®] Polycarbonate Solid UV2 sheets are resistant to a wide range of chemicals. They are generally unaffected by acids, alcohols, glycols, mineral oils, animal and vegetable fats, kerosene and non-abrasive cleaners. However, they are affected by benzene, petrol, ketones, acetones, phenols, chlorinated and aromatic hydrocarbons, petroleum based paints, abrasive cleaners and solvents. For more information contact your distributor for a data sheet.

Simple Maintenance

Clean using mild detergent and warm water. Use a soft sponge. Rinse thoroughly with clean water.

Solid Sheets Warranty

POLYGULF[®] Polycarbonate Solid UV2 sheets are backed by a 10 years warranty against loss of light transmission and a 10 years warranty against hail breakage. Provided that all warranty conditions are satisfied, these warranties will be honored anywhere in the world where our Polycarbonate sheets are sold.

Applications of Polycarbonate Sheets

- Skylights, Sky domes, Walkways
- Sunshade for swimming pools, stadiums & bus stops
- Flashing for bank ATM's & Telephone Box
- Sound and heat insulation wall for expressway, houses
- Heat preservation material for agricultural green house
- Unbreakable material for glazing windows & gates
- Machinery protection
- Protective shields
- Security glazing
- Lighting application

ACRYGULF[®] sheets are made from raw materials sourced from some of the best suppliers in the industry. We use only prime quality virgin raw materials. The product range of Acrylic sheets includes various colours and can be customized as per customer requirement.

Range of Acrylic Sheets

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
PMMA Thin Sheets	Clear, Opal, Bronze, Blue, Red	0.5-3.0	1220 x 2440
PMMA Plain sheet	Clear, Opal, Bronze, Blue, Red	1.5-20.0	1220 x 2440 2000 x 3000; 2050 x 3000; 2050 x 3050
PMMA Crystal	Clear, Opal, Bronze, Blue, Red	2.5-20.0	1220 x 2440 2000 x 3000; 2050 x 3000; 2050 x 3050
PMMA Inward Crystal			
PMMA Textured	Clear, Opal, Bronze, Blue, Red	1.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000;2050 x 3050
PMMA Maze			
PMMA Delta			
PMMA Rain Drop			
PMMA Pinseal			
PMMA Waterfall			
PMMA Diffuser Plain	Clear, Opal	1.5-20.0	1220 x 2440 ;2000 x 3000; 2050 x 3000;2050 x 3050
PMMA Diffuser Matte			
PMMA Prismatic sheets	Clear, Opal	2.8-20.0	2000 x 3000;2050 x 3000; 2050 x 3050

***2.5 Mtr [2500mm] width possible in Plain sheets from 2 mm to 12 mm thickness

Note: Customized sizes and colors can be made available

Application of Acrylic Sheet

- Advertisement application: Point of purchase, lightbox, signage, direction board, display board.
- Lighting Application: Lamps and ceiling lights
- Building Application: Facade, skylight, colorful partitions & Noise barriers
- Industrial Application: Machine Protectors
- Television, computer and monitor filters



Features of Acrylic Sheets

Excellent Impact Resistance

Acrylic sheets possess exceptional impact resistance. Manufactured from high quality virgin resin, Acrylic has 20 times the impact strength of glass of similar thicknesses.

Superior Clarity & Light Transmission

Clear Solid sheets are as transparent as glass and have a light transmission of 92%. These sheets are also available in translucent configuration for better light diffusion.

Weather Protected

Acrylic sheets are naturally Ultraviolet resistant and do not change color or behavior under prolonged external use. This makes it the material of first choice for any external application.

Design Flexibility

Acrylic sheets can be hot bent, thermoformed, laser cut, laser engraved. This gives it a wide range of application in signage and decorative works for both internal and external applications.

Broad Range Temperature Resistance

Acrylic sheets remain stable under extreme climatic conditions, remaining virtually unchanged between temperatures of -40 °C and +105 °C. This signifies that the sheets can perform below freezing point and above boiling point of water. Adequate allowance needs to be made for thermal movement in the fixing arrangement.

Handling with Ease

Due to their relatively lightweight and high impact strength, Acrylic sheets are convenient to store, handle and install. Conventional tools can be used to cut, trim or drill holes in the sheets, apart from more modern laser cutting methods.

Chemical Resistance

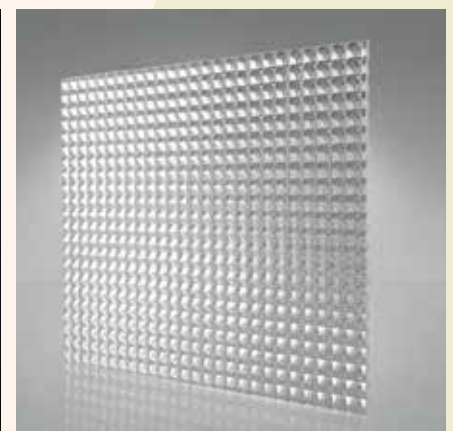
Acrylic sheets are resistant to a wide range of chemicals. They are generally unaffected by acids, alcohols, glycols, mineral oils, animal and vegetable fats, kerosene and non-abrasive cleaners. However, they are affected by benzene, petrol, ketones, acetones, phenols, chlorinated and aromatic hydrocarbons, petroleum based paints, abrasive cleaners and solvents. For more information contact your distributor for a data sheet.

Simple Maintenance

Clean using mild detergent and warm water. Use a soft sponge. Rinse thoroughly with clean water.

Warranty

Solid sheets are backed by a 10 years standard warranty against loss of light transmission. Provided that all warranty conditions are satisfied, these warranties will be honored anywhere in the world where Acrylic sheets are sold.



General Purpose Polystyrene-GPPS sheets are a transparent polystyrene sheet which is a cost effective alternative to PMMA for indoor applications.

Applications are limitless for indoor use and the inherent clarity of the product enhances the aesthetic aspect of any end product made of GPPS.

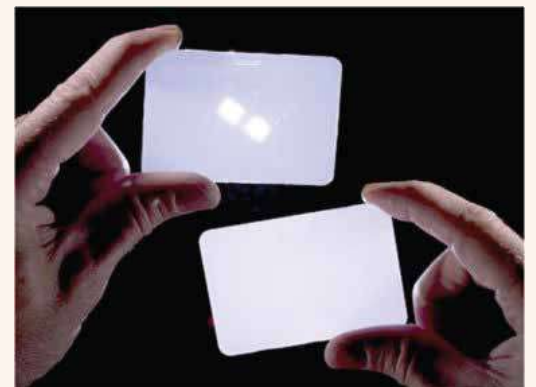
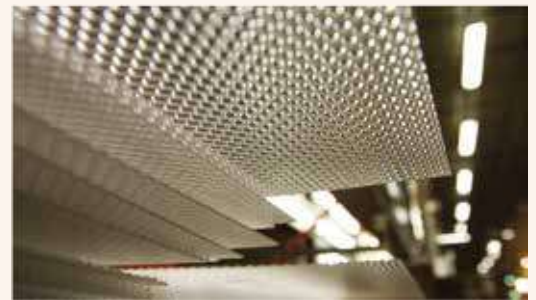
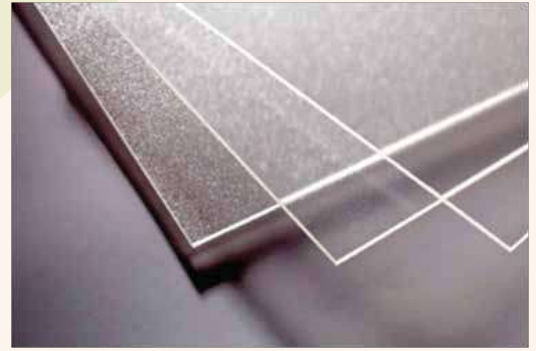
Due to low water absorption, GPPS sheets with various surface patterns are a material of choice for bathroom partitions/shower screens/shower enclosures.

Range of GPPS Sheets

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
GPPS Thin Sheet	Clear, Opal, Bronze	0.5-3.0	1220 x 2440
GPPS Plain	Clear, Opal, Bronze	1.5-20.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050
GPPS Crystal	Clear, Opal, Bronze	2.5-20.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050
GPPS Inward Crystal			
GPPSTextured	Clear, Opal, Bronze	1.5-20.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050
GPPS Maze			
GPPS Delta			
GPPS Rain Drop			
GPPS Pinseal			
GPPS Waterfall			
GPPS Diffuser Plain	Clear	1.5-20.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050
GPPS Diffuser Matte			
GPPS Prismatic sheets	Clear, Opal,	2.8-20.0	2000 x 3000; 2050 x 3000; 2050 x 3050

*****2.5 Mtr [2500mm] width possible in Plain sheets from 2 mm to 12 mm thickness**

Note: Customized sizes and colors can be made available



Application of GPPS Sheet

- Interior designing and Partitioning
- Bath and shower Screens & Cabins
- Painting, poster and photo frames
- Forming and fabrication
- Displays
- Lamps and ceiling lights
- Sign & Advertising Boards
- Door/Window Panels

Features of GPPS Sheet

- Good transparency
- Lightweight
- High rigidity
- Dimensionally stable
- Easily thermoformable
- Hard and Brittle
- Chemical and Electrical resistance



Textured



Crystal



Inward Crystal



Waterfall



Maze



Delta



Square



Pinseal



Raindrop



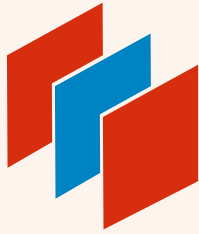
Prismatic



Inward Prism



Matte



Styrene Acrylonitrile Sheets- SAN

Styrene acrylonitrile –SAN is a copolymer plastic consisting of styrene and acrylonitrile. It is widely used in place of polystyrene owing to its greater thermal resistance. The relative composition is typically between 70 and 80% styrene and 20 to 30% acrylonitrile. Larger acrylonitrile content improves mechanical properties and chemical resistance these extruded copolymer sheets are highly resistant to water absorption as well.

We also provide SAN solid UV2 sheets which are co-extruded by UV coating on both the sides of the sheets which provide an extra protection to weathering and environmental conditions.

Range of SAN Sheet

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
SAN Solid	Clear, Opal, Opaque white	1.0-15.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050
SAN Prismatic	Clear, Opal	2.8-15.0	1220 x 2440
		3.0-15.0	2000 x 3000; 2050 x 3000; 2050 x 3050
SAN Diffuser Plain	Clear, Opal	1.5-15.0	1220 x 2440 ;2000 x 3000; 2050 x 3000;2050 x 3050
SAN Diffuser Matte		1.5-15.0	
SAN Solid - UV2	Clear, Opal	1.5-15.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050

Note: Customized sizes and colors can be made available

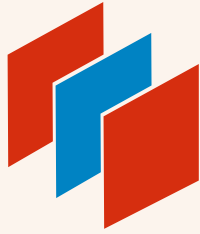
Application of SAN Sheet

- Industrial door glazing
- Room dividers/partitions
- Machine Protectors
- Flat or curved shower screens
- Screen printing
- Advertising signs
- Fittings for shops and exhibitions
- Lamps and ceiling light

Features of SAN Sheet

- Lightweight. Lower density than PC and PMMA (1.08 kg/cm³)
- High stiffness
- Good transparency and high brightness
- Good thermal resistance
- Good chemical resistance
- Good mechanical performance
- Better impact than GPPS
- Low water absorption
- Can be easily thermoformed





Polyethylene Terephthalate Glycol PET-G

PET-G sheet offers superior impact strength over acrylic and maintains many of the advantages of Polycarbonate. It has a lower temperature rating than polycarbonate making it more suitable for forming and fabricating parts. It is also easier to weld and unlike Polycarbonate, does not absorb moisture which can cause issues when forming. PETG sheet is easy to machine, weld and bond and is food contact safe making it popular for machine guards and transfer chutes in the food, drink and pharmaceutical industry.

Range of PET-G Sheet

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
PETG Thin sheet	Clear, Opal	0.5-1.0	1220 x 3050
PETG sheet	Clear, Opal	1.5-6.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050

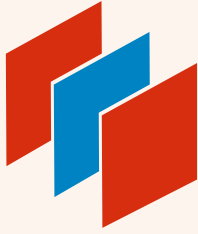
Application of PET-G Sheet

- Crash doors
- Displays, signs & showcases
- Industrial protection
- Molded pieces

Features of PET-G Sheet

- Excellent transparency and high gloss surface
- High Impact resistance, similar to polycarbonate
- Ductile. Break elongation similar to polycarbonate
- Easily thermoformable
- Excellent Chemical resistance
- Can be bonded with solvent
- Easily welded, like PVC
- Surface scratches can easily be removed with a heat gun
- Unlike polycarbonate, PET-G can be cut with a laser
- The same tools used for diamond polishing PMMA can be used for polishing PET-G sheets





Acrylic Capped Abs Sheet: PMMA-ABS-PMMA

Acrylic Capped ABS sheet (PMMA/ABS/PMMA) offers the excellent chemical and abrasion resistance of ABS along with the high gloss UV stability of Acrylic. This range possesses all the benefits of ABS with an added high gloss finish and improved lifespan.

Range of Acrylic Capped ABS

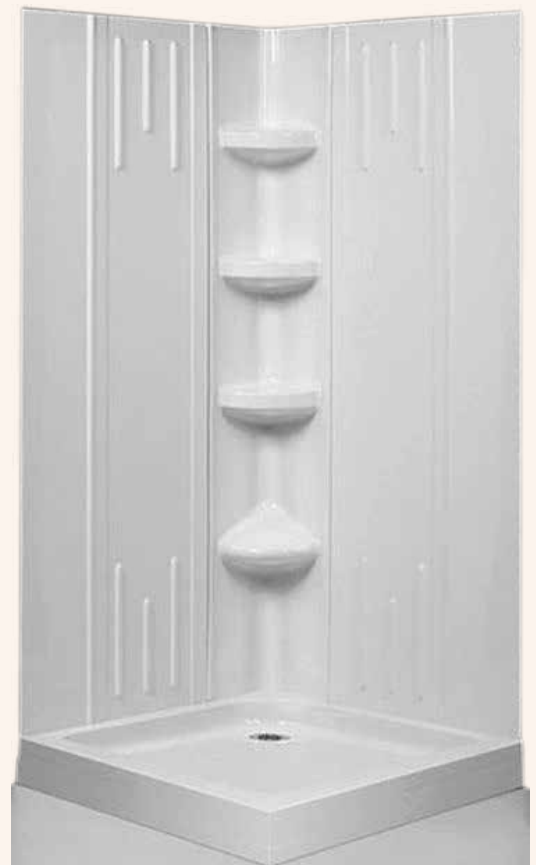
Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
Pmma capped ABS sheet	Clear, Opaque white	1.5-12.0	1220 x 2440 ;2000 x 3000; 2050 x 3000; 2050 x 3050 2500 x 3050

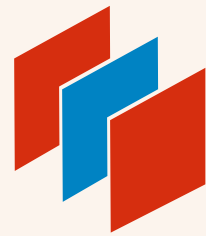
Application of Acrylic Capped ABS

- Bath tubs manufacturing
- Shower trays manufacturing
- Road signage industry
- Auto parts
- Machine covers

Features of Acrylic Capped ABS

- Great Chemical Resistance
- High Gloss Surface
- High Impact Strength
- Excellent Thermoforming Properties





POLYGULF[®] Corrugated PC sheets are high quality, lightweight, easy to install and have superior physical properties which make them ideal for roofing applications. Products are available in transparent, translucent and diffused finishes with various light transmission characteristics.

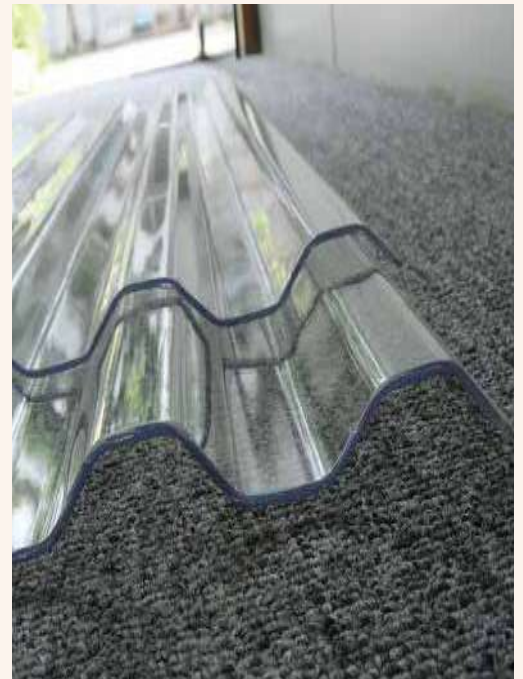
POLYGULF[®] Corrugated PC sheets are manufactured from polycarbonate which combines clarity with strength and incorporates a co-extruded UV protective layer that will not peel or separate. Our Corrugated Polycarbonate sheet exhibits outstanding resistance to impact (hail or wind) and physical abuse, the most extreme of weather conditions. Corrugated Polycarbonate sheet will not distort or become brittle at any temperature naturally encountered. The sheet is resistant to a large number of chemicals, while remaining corrosion free. Due to these exceptional properties our Corrugated Polycarbonate sheets are the ideal solution for greenhouse or swimming pool coverings in addition to roofing, siding or cladding in industry, construction and agriculture. Our Corrugated Polycarbonate sheet can also be used to create skylights.

Range of POLYGULF[®] Corrugated Polycarbonate Sheets

- Thicknesses: 0.8mm-2.0mm
- Type: Plain, Embossed
- Colours :Clear, Bronze, Opal, Green, Blue
- Note: Customized colors can be made available

Application of POLYGULF[®] Corrugated Polycarbonate Sheets

- Industrial Roofing- Factories and Warehouses
- Architectural roofing
- Carports and Garages
- Swimming pool covers
- Commercial Greenhouses
- Gazebos and Pergolas
- Sunrooms
- Canopies and Side-lights



Features of Corrugated Polycarbonate sheet

Strength

POLYGULF Corrugated Polycarbonate sheets, manufactured from polycarbonate are unbreakable. POLYGULF Corrugated Polycarbonate sheet is extremely resistant to impact either from a falling tool during installation or hailstones that may strike during the lifetime of service.



Clarity

Natural, clear POLYGULF Corrugated Polycarbonate sheet exhibits the clarity of glass, transmitting over 90% of light over the entire visible light spectrum.



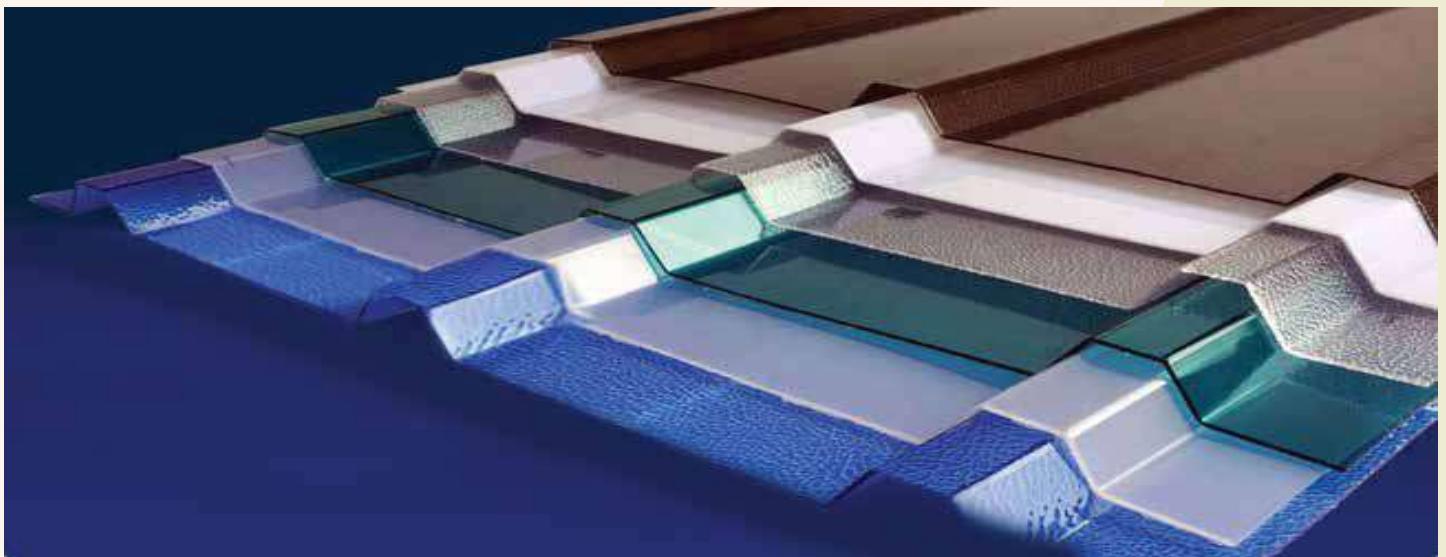
UV Resistance

A co-extruded UV protective layer, which is an integral component of the sheet, enables POLYGULF Corrugated Polycarbonate sheet to retain its transparency without yellowing over the course of a long lifetime of service.



Weather Resistance

POLYGULF Corrugated Polycarbonate sheet resists wind, hail, and the most extreme of temperatures, from -40°C to $+120^{\circ}\text{C}$. It will not become brittle at low temperatures or distort at high temperatures.



Mirror Acrylic Sheets are manufactured using the finest quality raw materials, which are sourced from renowned manufacturers like Sabic etc. These sheets are used in various industrial applications and come in different colors, sizes and thicknesses.

Features

- Acrylic mirrors are Lighter and Safer in comparison to Glass
- They are Easy to process, Easy to Cut, Easy to work on CNC / Laser machines
- They are Easy to Bend, Easy to bind with the other laminate sheet etc.
- Installation is easy with the use of double side adhesive tape, Silicon etc.

Application

- Acrylic mirrors are versatile and have a lot of applications:
- Interior Designs (Wall, Ceiling, Kitchen Cabinet, Partitions, Cladding)
- Departmental Stores, super Market and Stores window Displays.
- Decoration and Reflectors for Events, Restaurants, Bathroom, Barber shops, Coffee Shop, Stages, Discos.
- POP Billboards and Advertising
- Toys, Teaching Instruments, Gifts and Cosmetic Mirrors
- Garment/Fabric embellishments

Range of Mirror Acrylic Sheets

Description	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)	Color
Acrylic mirror- 1 Side	0.8 - 6.0	1220 x 2440	Silver, Gold, Rose Gold, Dark Gold, Blue, Red, Bronze, Orange, Green, Copper, Pink, Fluorescent Yellow, Grey.
Acrylic mirror- 1 Side	1.5 - 6.0	2050 x 3050	
Acrylic mirror- 2 Side	0.8 - 6.0	1220 x 2440	
Acrylic mirror- 2 Side	1.5 - 6.0	2050 x 3050	
Acrylic mirror-Adhesive	0.8 - 6.0	1220 x 2440	
Acrylic mirror-Adhesive	1.5 - 6.0	2050 x 3050	

