



KG Plast

AN ISO 9001:2015 CERTIFIED CO.

POLYCARBONATE SHEET

Unmatched Quality, Strength & Versatility



- **Unrivaed Strength**
- **Lightweight**
- **Easy Fabrication**
- **UV Protected**
- **Versatile Applications**
- **Weather Resistant**
- **Crystal Clear Transparency**

About Us

KG Plast Mfg Private Ltd is an ISO certified company established in the year 1997 having 3 manufacturing units located at Delhi & Haryana, spread over 125000 sq.ft., fulfilling the needs and providing satisfaction to more than 400 happy clients across the globe. We have state-of-the-art machinery from India, Taiwan & China. We have been innovating for the past 26 years to provide high quality value products including a wide range of Polycarbonate Sheet, PP Sheet, GPPS Sheet, PP Roofing Sheet, Files and Folders including L Folders, MCB, Inner Leaf, Sheet Protector, Strip File, etc.

Our Vision

We aim to be a globally recognized leader in plastic manufacturing, known for innovation, quality, and sustainability. Our vision is to create reliable products that enhance efficiency and add value to businesses worldwide.

Our Mission

Our mission is to provide top-quality plastic solutions while building strong relationships with our customers through trust and transparency. We focus on innovation, sustainability, and customer-centric service to drive long-term success.

Our Approach

Customer satisfaction, innovation, and sustainability form the core of our approach. We constantly upgrade our products, adopt eco-friendly practices, and support our customer network with the tools needed for growth.

POLYCARBONATE SHEETS AND ROLLS

Discover the unparalleled strength, clarity, and versatility of KG Plast Polycarbonate Sheets, the ideal solution for numerous industrial and commercial applications. These sheets combine high-impact resistance with superior aesthetic appeal, making them the go-to choice for a variety of sectors.

PRODUCT SPECIFICATIONS

- Thickness of Sheets: 1mm to 12mm
- Thickness of Rolls: 1mm to 4mm
- Width: upto 2135mm
- Length : as per requirement
- Colors: Blue, Green, Clear, Brown, Lake Blue, Opal & Many More
- Textures: Solid, Diamond, Embossed



TYPES OF POLYCARBONATE SHEETS

Solid Polycarbonate Sheets

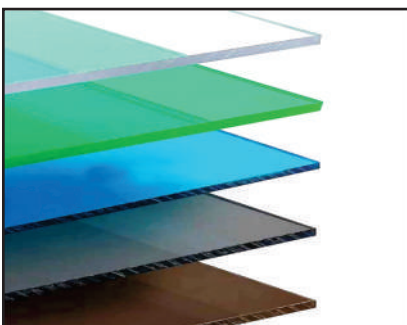
These sheets offer excellent clarity, insulation, and fire resistance, making them ideal for roofing, partitions, safety glazing, and signage. Their flexibility and strength make them a preferred choice over glass and acrylic.

Embossed Polycarbonate Sheets

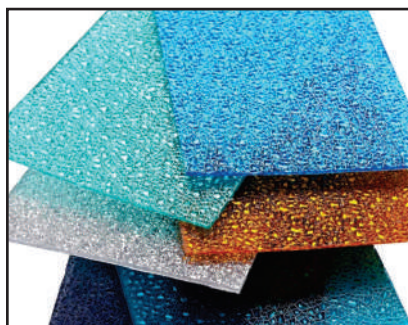
These sheets offer a textured surface, reducing glare and improving light diffusion, ideal for decorative and industrial applications. The embossed surface enhances light distribution while minimizing visibility through the sheet, making it perfect for partitions, skylights, and privacy screens.

Diamond Polycarbonate Sheets

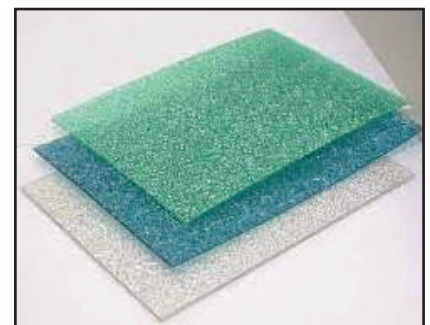
Featuring a diamond-patterned texture, these sheets provide excellent light dispersion and a stylish aesthetic while maintaining durability. Their unique surface design increases impact resistance and scratch resistance, making them an excellent choice for decorative applications, furniture panels, and protective shields.



Solid



Diamond



Embossed

POLYCARBONATE PROFILE SHEETS

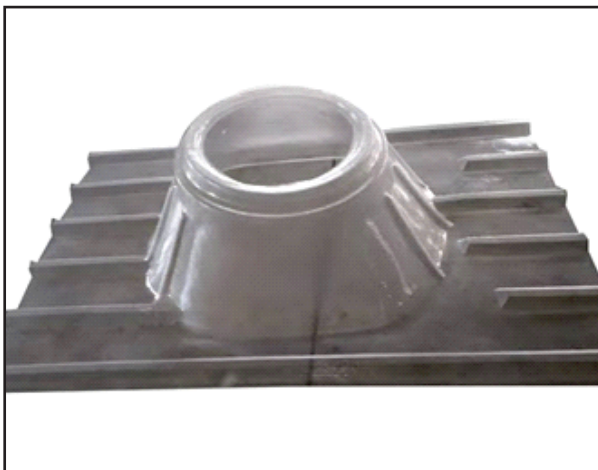
KG Plast offers polycarbonate profile sheets that provide high-strength and UV-resistant solutions for roofing applications. These sheets are widely used in:

- Industrial skylights & daylight panels
- Pre-engineered buildings
- Cladding panels for warehouses & godowns
- All types of daylight structures where profiled roofing is needed



POLYCARBONATE BASE PLATES AND LOUVERS

KG Plast Base Plates & Louvers are essential for mounting wind ventilators, ensuring durability and efficient ventilation. Made from high-quality polycarbonate, they offer excellent UV resistance, impact strength, and ease of installation. These components enhance air circulation in industrial and commercial buildings while maintaining structural integrity.



Multiple Features & Benefits

- **High Impact Strength:** Much stronger than glass, ensuring durability.
- **UV Resistant:** Coated for protection against harmful UV rays.
- **Weather Resistant:** Withstands extreme temperatures, heavy rain, snow storms and strong winds.
- **Lightweight & Flexible:** Easy to handle, transport, and install.
- **Superior Transparency:** Crystal-clear options available for maximum light transmission.
- **Fire Retardant:** High fire resistance properties ensure safety in various applications.
- **Easy Fabrication:** Can be cut, drilled, and shaped without cracking or breaking.
- **Energy Efficient:** Insulating properties help regulate indoor temperature, reducing energy costs.

Applications Across Industries

Industrial & Safety Solutions

- Soundproofing panels for noise reduction
- Machine guards and protective barriers
- Riot shields and security glazing



Agriculture & Greenhouses

- Greenhouse coverings with optimal light transmission
- Protective barriers for crops and livestock



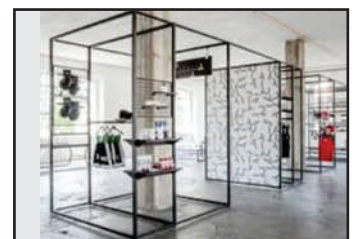
Architectural & Construction

- Daylighting panels for commercial buildings
- Skylights, canopies, and façades
- Transparent and lightweight roofing solutions



Signage & Display

- Outdoor and indoor advertising panels
- Durable and UV-resistant display boards
- Exhibition panels and retail displays



NABL APPROVED LAB TEST REPORT



BIRASINI TEST HOUSE

Govt. Approved / ISO IEC : 17025 : 2017 / ISO : 9001 : 2015
 ISO : 14001 : 2015 & OHSAS 45001 : 2018 Certified Laboratory
 (NABL Accredited Testing Laboratory)



TEST REPORT

Issued To,		Report No.	: 50-28102025-06
M/s. KG Plast MFG Private Limited		Date of Receiving	: 28/10/2025
(Formerly: KG PLAST – A unit of North West		Date of Starting	: 28/10/2025
Enterprises Pvt. Ltd.) Near Vidya Chowk, Gohana		Date of Completion	: 07/11/2025
Road, Bagru, Sonipat, Haryana - 131022		Date of Reporting	: 07/11/2025
		Submitted By	: Customer
		Page 1 of 1	
Sample Description	: Plastic Sheet		
Thickness	: 2mm		
Colour	: Clear		
Material Grade	: Processed from SABIC PC 0703R		

S. No.	Test Parameters	Unit	Result	Method
1.	Tensile Strength	Mpa	60.40	ASTM D-638
2.	Elongation at break	%	28.1	ASTM D-638
3.	Tensile Modulus	Mpa	1420	ASTM D-638
4.	Flexural Strength	Mpa	94.0	ASTM D-790
5.	Light Transmittance	%	85.8	ASTM D-1003
6.	Vicat Softening Point	°C	141	ASTM D-1525
7.	Heat Deflection Temperature	°C	129.0	ASTM D-648
8.	Specific Gravity	-	1.21	ASTM D-792
9.	Dart Drop Impact Test	-	No Visible Sign of Creaking around the Impact area	ASTM D-1709
10.	Flammability at 1.9mm thick	-	V-2	UL-94

Note : any Deviation from the Standard test Method/Specification : Nil

End of Report



Authorised Signatory

*The above test report generated on the basis of sample given by the customer itself.

Note : 1. The test results listed pertain to the sample tested and applicable parameters.

2. Total liability of this lab is limited to Invoice amount

3. Any discrepancy found in the test report may be communicated within seven days from the date of issue to Test Report.

4. Remainder of Sample tested may be collected within 15 days from the date of issue of test report After which it shall be disposed off.

5. The test report should not be produced as an evidence for any legal purpose, Court, Advertising media without the prior permission of the director, BTH.

Laboratory Office: 4/31 B, Site-IV, Industrial Area, Sahibabad, Ghaziabad, U.P. - 201010
 Ph:- 0120-4526493, E-mail : birasinitesthouse1@gmail.com, Website : www.birasinitesthouse.in



IN-HOUSE LAB REPORT

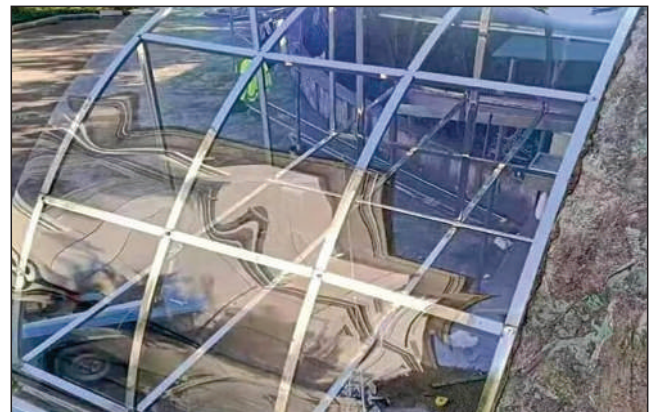
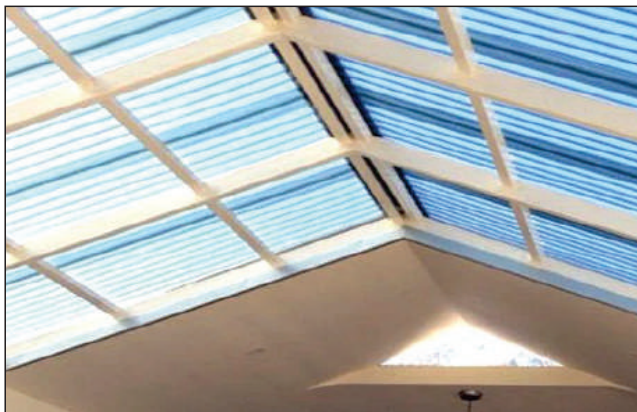
KG PLAST MFG PRIVATE LIMITED				
Lab Testing Report				
Item	: KGP Polycarbonate Sheet			Date : 14/10/25
Colour	: Clear			Batch No.: 250304
Thickness	: 2mm			
Texture	: Compact			
Size/Qty	: AS PER INVOICE			
Standard	: Continuing to BIS 14443:1997			
S. No.	PROPERTIES	UNIT	STANDARD	TEST RESULT
1	Tensile Strength Test Speed : 10mm/min	MPa	BIS 14443:1997	60.1
2	Elongation at break	%	BIS 14443:1997	27.09
3	Dard Impact Test	J	BIS 14443:1997	No visible sign of cracking around the impact area
4	Light Transmittance	%	BIS 14443:1997	88
5	Flammability at 2mm thickness	--	UL-94	V-2
6	UV Test	--	BIS 14443:1997	Pass
7	Colour Matching Test	--	BIS 14443:1997	Matched
8	Black Spot Test	--	BIS 14443:1997	No visible sign of black spot



KG Plast
AN ISO 9001:2015 CERTIFIED CO.

Why Choose KG Plast Polycarbonate Sheets?

- ✓ High-Quality Manufacturing Process
- ✓ Customization Options Available
- ✓ Competitive Pricing
- ✓ ISO 9001:2015 Certified
- ✓ Trusted by Over 400 Clients Worldwide



KG PLAST MFG PVT. LTD.
(AN ISO 9001:2015 CERTIFIED CO.)

For more information, visit: www.kgplast.in

✉ Email: info@kgplast.com

☎ Contact: 011-47069070

📍 Office : 802-803, B-8, ITL Tower, Block C, Netaji Subhash Place,
Pitampura, Delhi-110034

🏭 Works : Sonipat Haryana

Key Contacts

Raaghav Jain (Business Development Manager)- +91 8447463121

Abhimanyu Jain (Marketing Manager) - +91 9999225344

Follow us on social media for the latest updates!

