

EXCEL POLYCARBONATE EXTRUDED COMPACT SHEET IS
TRANSPARENT / TRANSLUCENT WITH CONTROLLED LIGHT TRANSMISSION,
VIRTUALLY UNBREAKABLE AND TOUGH.

MAIN FEATURES

- Virtually Unbreakable • Light Weight • Hail Proof • High Resistance to Weathering • High Light Transmission • Low Flammability • Easily Installed & Cleaned • Low Temperature Performance • Excellent Insulation Properties • PE Film or paper masking on both sides • Embossed Pattern (Leather Grain, Prismatic)

YOU CAN PERFORM

- Cutting • Drilling • Bending • Thermoforming

APPLICATIONS

- Building & Construction • Advertising • Glazing Applications • Transport Vehicles • Industrial Roofing • Skylights & Pool Enclosures • Walkways & Patio Coverings • Domes, Canopies and Carports • Paneling • Security Glazing, Helmets/Riot Shields

PRODUCT RANGE

Colours	Thickness	*Std Length	Std. Width
Clear Opal Grey Bronze Black	2 to 10 mm	2440 mm 3050 mm	1220 mm 2050 mm
Clear	1 to 1.5 mm	2000 mm	1000 mm

* Other lengths and width to suit customer requirements. Available in standard (UV enriched) and weather protected (UV co-extruded one/both sides) grades.

Packaging : Sheets are packed in pallet loads. Pallets are protected with PE Film. Individual sheets are masked on both sides with PE Film or paper. Sheets if UV coextruded one/both sides shall be marked with running tape accordingly.

Thickness (mm)	1220x2440 Pallet	2050x3050 Pallet	1000x2000 Pallet
2	140	60	200
3	90	40	125
4	65	30	100
5	55	25	75
6	45	20	65
8	30	15	50
10	24	10	40



THE COMPANY • One of the largest plastic processors in India, processing over 45,000 MT of different polymers per annum • Only manufacturer in South East Asia offering such a large range of sheet products under one roof • ISO 9001 certified by TUV Germany • In-house Research and Development facility, allowing Jains to keep pace with fast changing customer needs.

TECHNICAL PROPERTIES

Property	Test	Unit	Value
Physical:			
Density	DIN 53479	g/cc	1.2
Optical:			
Light Transmission**	ASTM D 1003	%	
Clear			≥ 80
Opal			50 ± 3
Grey			50 ± 3
Bronze			50 ± 3
Solar Bronze			35 ± 3
Others			Custom
Mechanical :			
Tensile Strength at Yield	DIN 53455	Mpa	≥60
Elongation at break	DIN 53455	%	≥80
Dart Impact Strength	DIN 53455	J	≥200
Thermal:			
Vicat Softening Temperature (Method B/120)	DIN 53460	°C	≥145
Heat deflection temperature 1.80	DIN 53461	°C	≥135

** Other light transmission can be manufactured as desired.



Distributor

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