

## PET-G

Polyethylene Terephthalate Glycol Comonomer is an extruded thermoplastic co-polyester flat sheet that can be used as an alternative to polycarbonate, solid acrylic & PVC sheets. The sheet is characterised by excellent strength to weight ratio, outstanding optical clarity, fire resistance & its exceptional thermoforming properties particularly at low temperatures. The superior quality of the sheet ensures suitability for a diversity of applications.

PRODUCT RANGE		
COLOUR	Clear	
LIGHT TRANSMISSION DIN 5036	89% (3mm)	
STANDARD SHEET SIZES (mm)	2050 x 3050mm	
THICKNESS (MM)	0.5	
	0.75	
	1	
	1.5	
	2 - 12	
SHEET WEIGHT	2.54kg/m <sup>2</sup>	2 mm
	3.81kg/m <sup>2</sup>	3 mm
	5.08kg/m <sup>2</sup>	4 mm
	6.35kg/m <sup>2</sup>	5 mm
	7.62kg/m <sup>2</sup>	6mm
U-Value	5.73	W/ m <sup>2</sup> K (1mm)

### Installation

Applications must make adequate allowance for thermal movement. Adequate clearance must be allowed in the holes drilled for fixing and in rebates of support frames. Linear coefficient of expansion is 0.04-0.05mm/mK.

### Service Temperature

Mechanical performance is known to remain stable in prolonged service temperatures ranging from -20 to + 60°C, with a maximum temperature exposure of 70°C. Therefore it can be installed in a diversity of applications, with varying temperatures.

### Storage & Handling

Best store indoors under ambient warehouse conditions up to 20°C, away from direct sunlight, in a cool dry store. In case of outdoor storage, additional all-round cover is necessary. The surface masking film should remain on the sheet until it is ready for use. Avoid standing sheets on end.

### Fire Performance

Please contact the technical department for the most current test information.