

## Eurostar Starglas GX061104 PSU

Category : Polymer , Thermoplastic , Polysulfone (PSU)

### Material Notes:

Starglas GX061104 is a PSU resin (also known as Starglas PSU A ¾) Information provided by Eurostar.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurostar-Starglas-GX061104-PSU.php](http://www.lookpolymers.com/polymer_Eurostar-Starglas-GX061104-PSU.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.0030 % @Temperature 23.0 °C, Time 86400 sec	0.0030 % @Temperature 73.4 °F, Time 24.0 hour	ISO 62-1
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Thickness 4.00 mm	0.0060 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	53.0 MPa	7690 psi	50 mm/min; ISO 527
Tensile Strength, Yield	73.0 MPa	10600 psi	50 mm/min; ISO 527
Elongation at Yield	5.9 %	5.9 %	50 mm/min; ISO 527
Tensile Modulus	2.50 GPa	363 ksi	1 mm/min; ISO 527
Flexural Yield Strength	113 MPa	16400 psi	2 mm/min; ISO 178
Flexural Modulus	2.60 GPa	377 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	80x10x4; ISO 180/1A
Izod Impact, Unnotched (ISO)	NB	NB	80x10x4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	151 °C	304 °F	Flatw 80x10x4, sp=64 mm; ISO 75/Af

Processing Properties	Metric	English	Comments
Zone 1	310 - 330 °C	590 - 626 °F	
Zone 2	310 - 330 °C	590 - 626 °F	
Zone 3	310 - 330 °C	590 - 626 °F	

Melt Temperature Processing Properties	310 - 330 °C Metric	590 - 626 °F English	Comments
Mold Temperature	150 °C	302 °F	
Drying Temperature	120 - 150 °C @Time 14400 sec	248 - 302 °F @Time 4.00 hour	
Moisture Content	0.050 %	0.050 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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