

SABIC Innovative Plastics LNP Thermocomp GF003 PSU (Asia Pacific)

Category : Polymer , Thermoplastic , Polysulfone (PSU)

Material Notes:

LNP* THERMOCOMP* GF003 is a compound based on Polysulfone resin containing Glass Fiber. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-GF003-PSU-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	ASTM D 638
Flexural Modulus	4.89 GPa	709 ksi	ASTM D 790
Izod Impact, Notched	0.580 J/cm @Temperature 23.0 Â°C	1.09 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	5.87 J/cm @Temperature 23.0 Â°C	11.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	179 Â°C @Thickness 3.20 mm	354 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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