

SABIC Innovative Plastics LNP Thermocomp OF003A PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Thermocomp* OF003A is a compound based on Polyphenylene Sulfide resin containing Glass Fiber. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-OF003A-PPS.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	ASTM D 638
Tensile Strength, Yield	77.0 MPa	11200 psi	ASTM D 638
Elongation at Break	1.1 %	1.1 %	ASTM D 638
Elongation at Yield	1.1 %	1.1 %	ASTM D 638
Flexural Modulus	7.03 GPa	1020 ksi	ASTM D 790
Izod Impact, Notched	0.480 J/cm @Temperature 23.0 Â°C	0.899 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	0.630 J/cm @Temperature 23.0 Â°C	1.18 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	194 Â°C @Thickness 3.20 mm	381 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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