

SABIC Innovative Plastics LNP THERMOCOMP JF003E PES (Asia Pacific)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

LNP* Thermocomp* JF003E is a compound based on Polyethersulfone resin containing Glass Fiber. Added features of this material include:
Easy Molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-JF003E-PES-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM D792
	1.48 g/cc	0.0535 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	101 MPa	14600 psi	ASTM D638
Elongation at Break	2.3 %	2.3 %	ASTM D638
Tensile Modulus	5.95 GPa	863 ksi	50 mm/min; ASTM D638
Flexural Strength	158 MPa	22900 psi	ASTM D790
Flexural Modulus	5.81 GPa	843 ksi	ASTM D790
Izod Impact, Notched	0.420 J/cm	0.787 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.27 J/cm	8.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	207 Â°C @Thickness 3.20 mm	405 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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