

SABIC Innovative Plastics LNP THERMOCOMP JF002 PES (Asia Pacific)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

LNP THERMOCOMP* JF002 is a compound based on Polyethersulfone resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-JF002-PES-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 - 0.0080 cm/cm @Time 86400 sec	0.0060 - 0.0080 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.0060 - 0.0080 cm/cm @Time 86400 sec	0.0060 - 0.0080 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ASTM D638
Elongation at Break	3.8 %	3.8 %	ASTM D638
Flexural Strength	172 MPa	24900 psi	ASTM D790
Flexural Modulus	4.68 GPa	679 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.35 J/cm	11.9 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 Â°C @Thickness 3.20 mm	406 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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