

SABIC Innovative Plastics LNP THERMOCOMP EX93452 PEI (Asia Pacific)

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

LNP* THERMOCOMP* EX93452 is a compound based on Polyetherimide resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-EX93452-PEI-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	ASTM D638
Elongation at Break	1.7 %	1.7 %	ASTM D638
Tensile Modulus	15.58 GPa	2260 ksi	50 mm/min; ASTM D638
Flexural Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	12.2 GPa	1770 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	211 Â°C @Thickness 3.20 mm	412 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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