

LNP Thermocomp® LF-1006 MG Polyetheretherketone, Glass milled Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Glass Fiber Filled

Material Notes:

Features: Low WarpageForms: PelletsProcessing Method: Injection MoldingInformation provided by LNP, a GE Plastics Company.This data sheet is labeled Discontinued; however many LNP grades are still active under new names instituted after the SABIC purchase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LNP-Thermocomp-LF-1006-MG-Polyetheretherketone-Glass-milled-Glass-Fiber-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	Method A; ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	139 MPa	20200 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	9.72 GPa	1410 ksi	ASTM D638
Flexural Strength	207 MPa	30000 psi	ASTM D790
Flexural Modulus	9.38 GPa	1360 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm @Thickness 3.18 mm	0.500 ft-lb/in @Thickness 0.125 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	379 - 388 °C	714 - 730 °F	
Mold Temperature	135 - 163 °C	275 - 325 °F	
Drying Temperature	121 - 149 °C	250 - 300 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.10 %	0.10 %	Suggested
Back Pressure	0.345 - 0.689 MPa	50.0 - 99.9 psi	

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