

LNP Thermocomp® JF-1008 Polyethersulfone, Glass Fiber Reinforcement (discontinued **)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

Forms: Pellets Processing Method: Injection Molding Information 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-JF-1008-Polyethersulfone-Glass-Fiber-Reinforcement-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.66 g/cc	1.66 g/cc	Method A; ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	ASTM D638
Elongation at Break	2.1 %	2.1 %	ASTM D638
Izod Impact, Notched	0.961 J/cm @Thickness 3.18 mm	1.80 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	6.19 J/cm @Thickness 3.18 mm	11.6 ft-lb/in @Thickness 0.125 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	354 - 371 °C	669 - 700 °F	
Mold Temperature	135 - 149 °C	275 - 300 °F	
Drying Temperature	121 - 149 °C	250 - 300 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.050 %	0.050 %	Suggested
Back Pressure	0.345 - 0.689 MPa	50.0 - 99.9 psi	

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