

LNP Lubricomp® GFL-4034 EM M Polysulfone, Milled Glass Fiber Reinforcement, PTFE Lubricant (discontinued **)&

Category : Polymer , Thermoplastic , Polysulfone (PSU)

Material Notes:

Features: Good Moldability, LubricatedForms: 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-Lubricomp-GFL-4034-EM-M-Polysulfone-Milled-Glass-Fiber-Reinforcement-PTFE-Lubricant-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	Method A; ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Flexural Strength	75.8 MPa	11000 psi	ASTM D790
Flexural Modulus	3.45 GPa	500 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm @Thickness 3.18 mm	1.00 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	2.40 J/cm @Thickness 3.18 mm	4.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	360 - 371 °C	680 - 700 °F	
Mold Temperature	149 °C	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	0.172 - 0.345 MPa	24.9 - 50.0 psi	

Processing Properties

Metric

English

Comments

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