

SABIC Innovative Plastics LNP Lubricomp GZL34E PSU

Category : Polymer , Thermoplastic , Polysulfone (PSU)

Material Notes:

LNP LUBRICOMP* GZL34E is a compound based on Polysulfone resin containing Glass Fiber, Milled Glass, PTFE. Added features of this material include: Easy Molding. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-GZL34E-PSU.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0070 cm/cm @Time 86400 sec	0.0070 in/in @Time 24.0 hour	ASTM D 955
Linear Mold Shrinkage, Transverse	0.0060 cm/cm @Time 86400 sec	0.0060 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.0 MPa	6380 psi	ASTM D 638
Elongation at Break	2.4 %	2.4 %	ASTM D 638
Flexural Strength	78.0 MPa	11300 psi	ASTM D 790
Flexural Modulus	3.44 GPa	499 ksi	ASTM D 790
Izod Impact, Notched	0.530 J/cm @Temperature 23.0 °C	0.993 ft-lb/in @Temperature 73.4 °F	ASTM D 256
Izod Impact, Unnotched	2.40 J/cm @Temperature 23.0 °C	4.50 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

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