

SABIC Innovative Plastics LNP Lubricomp ZFL34XXC PPE+PS

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

Material Notes:

LNP LUBRICOMP* ZFL34XXC is a compound based on PPE+PS Blend resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated. 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-ZFL34XXC-PPEPS.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Time 86400 sec	0.0030 in/in @Time 24.0 hour	ASTM D 955
Linear Mold Shrinkage, Transverse	0.0050 cm/cm @Time 86400 sec	0.0050 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	86.0 MPa	12500 psi	ASTM D 638
Elongation at Break	1.8 %	1.8 %	ASTM D 638
Flexural Strength	133 MPa	19300 psi	ASTM D 790
Flexural Modulus	6.75 GPa	979 ksi	ASTM D 790
Izod Impact, Notched	0.640 J/cm @Temperature 23.0 °C	1.20 ft-lb/in @Temperature 73.4 °F	ASTM D 256
Izod Impact, Unnotched	3.41 J/cm @Temperature 23.0 °C	6.39 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	131 °C @Thickness 3.20 mm	268 °F @Thickness 0.126 in	unannealed; ASTM D 648

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