

SABIC Innovative Plastics LNP LUBRICOMP CBL36XXC PS

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

LNP* LUBRICOMP* CBL36XXC is a compound based on Polystyrene resin containing 30% Glass Bead and 15% PTFE. Added features of this material include: Wear Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-CBL36XXC-PS.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Time 86400 sec	0.0050 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Tensile Modulus	5.56 GPa	806 ksi	50 mm/min; ASTM D638
Flexural Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	4.08 GPa	592 ksi	ASTM D790
Izod Impact, Notched	0.100 J/cm	0.187 ft-lb/in	ASTM D256
Izod Impact, Unnotched	0.760 J/cm	1.42 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	77.0 °C @Thickness 3.20 mm	171 °F @Thickness 0.126 in	unannealed; ASTM D648

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