

SABIC Innovative Plastics LNP LUBRICOMP ZFL31XXC PPE+PS (Asia Pacific)

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

Material Notes:

LNP* Lubricomp* ZFL31XXC is a compound based on PPE+PS Blend resin containing Glass Fiber, PTFE. Added features of this material include: Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-ZFL31XXC-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa	7980 psi	ASTM D638
Elongation at Break	3.2 %	3.2 %	ASTM D638
Tensile Modulus	3.65 GPa	529 ksi	50 mm/min; ASTM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	3.51 GPa	509 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.63 J/cm	6.80 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	128 Â°C @Thickness 3.20 mm	262 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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