

SABIC Innovative Plastics LNP LUBRICOMP KFL23LH Acetal Copolymer (Asia Pacific)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 20% Glass Fiber Reinforced

Material Notes:

LNP* LUBRICOMP* KFL23LH is a compound based on Acetal Copolymer resin containing PTFE, Glass Fiber. 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-KFL23LH-Acetal-Copolymer-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	6.72 GPa	975 ksi	50 mm/min; ASTM D638
Flexural Strength	137 MPa	19900 psi	ASTM D790
Flexural Modulus	5.75 GPa	834 ksi	ASTM D790
Izod Impact, Notched	0.580 J/cm	1.09 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.25 J/cm	9.84 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	161 Â°C @Thickness 3.20 mm	322 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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