

SABIC Innovative Plastics LNP LUBRICOMP KFL36 Acetal Copolymer (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 30% Glass Fiber Reinforced

Material Notes:

LNP* Lubricomp* KFL36 is a compound based on Acetal Copolymer resin containing Glass Fiber, PTFE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-KFL36-Acetal-Copolymer-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.72 g/cc	0.0621 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	117 MPa	17000 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Flexural Strength	123 MPa	17800 psi	2 mm/min; ISO 178
Flexural Modulus	7.10 GPa	1030 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	20.0 kJ/m ²	9.52 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	157 Â°C	315 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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