

SABIC Innovative Plastics LNP LUBRICOMP KFI16 Acetal Copolymer (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

LNP* Lubricomp* KFI16 is a compound based on Acetal Copolymer resin containing Glass Fiber, Silicone.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-KFI16-Acetal-Copolymer-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	5 mm/min; ISO 527
Elongation at Break	2.5 %	2.5 %	5 mm/min; ISO 527
Tensile Modulus	8.10 GPa	1170 ksi	1 mm/min; ISO 527
Flexural Strength	139 MPa	20200 psi	2 mm/min; ISO 178
Flexural Modulus	6.30 GPa	914 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m ²	11.9 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	42.0 Åµm/m-Å°C	23.3 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	88.0 Åµm/m-Å°C	48.9 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	160 Å°C	320 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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