

SABIC Innovative Plastics LNP LUBRICOMP KL002L Acetal

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

LNP* LUBRICOMP* KL002L is a compound based on Acetal Copolymer resin containing 10% PTFE. Added features of this grade include:
Wear Resistant, Low Extractible.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-KL002L-Acetal.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.0 MPa	6960 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	9.7 %	9.7 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	2.55 GPa	370 ksi	50 mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.37 GPa	344 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.64 J/cm	10.6 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	92.0 Â°C @Thickness 3.20 mm	198 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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