

SABIC Innovative Plastics LNP LUBRICOMP OL009 PPS - Linear

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP LUBRICOMP* OL009 is a compound based on PPS - Linear resin containing 45% PTFE. Added features of this material include: Wear Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-OL009-PPS-Linear.php

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.0 MPa	5370 psi	ASTM D638
Elongation at Break	3.1 %	3.1 %	ASTM D638
Tensile Modulus	2.64 GPa	383 ksi	50 mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	ASTM D790
Flexural Modulus	2.59 GPa	376 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Coefficient of Friction, Dynamic	0.23	0.23	steel; ASTM D1894
Coefficient of Friction, Static	0.14	0.14	steel; ASTM D1894

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	136 Å°C @Thickness 3.20 mm	277 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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