

SABIC Innovative Plastics LNP LUBRICOMP OP005XXC PPS - LINEAR

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP LUBRICOMP* OP005XXC is a compound based on PPS - Linear resin containing 25% PTFE/Silicone. 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-OP005XXC-PPS-LINEAR.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	46.0 MPa	6670 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Tensile Modulus	2.68 GPa	389 ksi	50 mm/min; ASTM D638
Flexural Strength	82.0 MPa	11900 psi	ASTM D790
Flexural Modulus	2.79 GPa	405 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	1.92 J/cm	3.60 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	96.0 Â°C @Thickness 3.20 mm	205 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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