

SABIC Innovative Plastics LNP LUBRICOMP OCL36AXP PPS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* LUBRICOMP* OCL36AXP is a compound based on PPS-Branched resin containing Carbon Fiber, PTFE. Added features include:
Electrically Conductive, Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-OCL36AXP-PPS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	ISO 1183
Melt Index of Compound	5.0 g/10 min @Load 5.00 kg, Temperature 315 Â°C	5.0 g/10 min @Load 11.0 lb, Temperature 599 Â°F	MVR [cm ³ /10 min]; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	5 mm/min; ISO 527
Tensile Modulus	22.5 GPa	3260 ksi	1 mm/min; ISO 527
Flexural Yield Strength	252 MPa	36500 psi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	262 Â°C	504 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 1.80 mm	V-0 @Thickness 0.0709 in	UL 94

Electrical Properties	Metric	English	Comments
Surface Resistance	100 - 10000 ohm	100 - 10000 ohm	ASTM D257

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