

## SABIC Innovative Plastics LNP Lubricomp OX95338 PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

**Material Notes:**

LNP\* Lubricomp\* OX95338 is a compound based on Polyphenylene Sulfide resin containing PTFE, Carbon Fiber. Added features of this material include: Internally Lubricated, Electrically Conductive. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Lubricomp-OX95338-PPS.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Lubricomp-OX95338-PPS.php)

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in <sup>3</sup>	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	84.0 MPa	12200 psi	ASTM D 638
Elongation at Break	0.70 %	0.70 %	ASTM D 638
Tensile Modulus	28.4 GPa	4120 ksi	50 mm/min; ASTM D 638
Flexural Strength	124 MPa	18000 psi	ASTM D 790
Flexural Modulus	10.82 GPa	1569 ksi	ASTM D 790
Izod Impact, Notched	0.320 J/cm @Temperature 23.0 Â°C	0.599 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	2.67 J/cm @Temperature 23.0 Â°C	5.00 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	260 Â°C @Thickness 3.20 mm	500 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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