

SABIC Innovative Plastics LNP STAT-KON OE002 PPS (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Stat-kon* OE002 is a compound based on Polyphenylene Sulfide resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-OE002-PPS-Asia-Pacific.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	124 MPa	18000 psi	ASTM D638
Tensile Strength, Yield	125 MPa	18100 psi	ASTM D638
Elongation at Break	2.3 %	2.3 %	ASTM D638
Elongation at Yield	2.3 %	2.3 %	ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.27 J/cm	8.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107 °C @Thickness 3.20 mm	225 °F @Thickness 0.126 in	unannealed; ASTM D648

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