

## SABIC Innovative Plastics LNP Stat-kon OE002 PPS

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. 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-Stat-kon-OE002-PPS.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Stat-kon-OE002-PPS.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	124 MPa	18000 psi	ASTM D 638
Tensile Strength, Yield	125 MPa	18100 psi	ASTM D 638
Elongation at Break	2.3 %	2.3 %	ASTM D 638
Elongation at Yield	2.3 %	2.3 %	ASTM D 638
Flexural Strength	179 MPa	26000 psi	ASTM D 790
Izod Impact, Notched	0.530 J/cm @Temperature 23.0 Â°C	0.993 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	4.27 J/cm @Temperature 23.0 Â°C	8.00 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107 Â°C @Thickness 3.20 mm	225 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

## Contact Songhan Plastic Technology Co.,Ltd.

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