

SABIC Innovative Plastics LNP STAT-KON OE008A PPS - Branched (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Stat-kon* OC-1008 is a compound based on PPS - Branched 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-OE008A-PPS-Branched-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.00050 - 0.0025 cm/cm	0.00050 - 0.0025 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	179 MPa	26000 psi	5 mm/min; ISO 527
Elongation at Break	0.70 %	0.70 %	5 mm/min; ISO 527
Flexural Strength	290 MPa	42100 psi	2 mm/min; ISO 178
Flexural Modulus	30.3 GPa	4390 ksi	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)	25.0 kJ/m ²	11.9 ft-lb/in ²	80*10*4; ISO 180/1U

Electrical Properties	Metric	English	Comments
Surface Resistance	10 - 100 ohm	10 - 100 ohm	ASTM D257

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