

SABIC Innovative Plastics LNP STAT-KON ZE002 PPE+PS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

Material Notes:

LNP* Stat-kon* ZE002 is a compound based on PPE+PS Blend 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-ZE002-PPEPS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	104 MPa	15100 psi	5 mm/min; ISO 527
Elongation at Break	1.6 %	1.6 %	5 mm/min; ISO 527
Flexural Strength	115 MPa	16700 psi	2 mm/min; ISO 178
Flexural Modulus	5.50 GPa	798 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	80*10*4; ISO 180/1U

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

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