

SABIC Innovative Plastics LNP STAT-KON CD000 PS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

LNP* Stat-kon* CD000 is a compound based on Polystyrene resin containing Carbon Powder. 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-CD000-PS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	26.0 MPa	3770 psi	5 mm/min; ISO 527
Elongation at Break	>= 10 %	>= 10 %	5 mm/min; ISO 527
Flexural Strength	37.0 MPa	5370 psi	2 mm/min; ISO 178
Flexural Modulus	1.40 GPa	203 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	11.0 kJ/m ²	5.23 ft-lb/in ²	80*10*4; ISO 180/1A

Electrical Properties	Metric	English	Comments
Surface Resistance	1000 ohm - 1e+05	1000 ohm - 1e+05	ASTM D257

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