

SABIC Innovative Plastics LNP STAT-KON EE003XXC PEI

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

LNP STAT-KON* EE003XXC is a compound based on Polyetherimide resin containing 15% Carbon Fiber. Added features of this material include: Clean Compound System, Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-EE003XXC-PEI.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm @Time 86400 sec	0.0010 - 0.0030 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ASTM D638
Elongation at Break	1.6 %	1.6 %	ASTM D638
Flexural Strength	248 MPa	36000 psi	ASTM D790
Flexural Modulus	11.72 GPa	1700 ksi	ASTM D790
Izod Impact, Unnotched	3.73 J/cm	6.99 ft-lb/in	ASTM D4812

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 - 1.00e+6 ohm-cm	100 - 1.00e+6 ohm-cm	ASTM D257
Surface Resistance	100 - 1.00e+6 ohm	100 - 1.00e+6 ohm	ASTM D257

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