

SABIC Innovative Plastics LNP STAT-KON FX98501 PE (Asia Pacific)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

LNP* Stat-kon* FX98501 is a compound based on Polyethylene resin containing Glass 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-FX98501-PE-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ISO 527
Tensile Modulus	2.90 GPa	421 ksi	1 mm/min; ISO 527
Flexural Modulus	2.63 GPa	381 ksi	ISO 178
Izod Impact, Notched (ISO)	11.0 kJ/m ²	5.23 ft-lb/in ²	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Â°C	185 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
Surface Resistance	100 ohm - 1e+05	100 ohm - 1e+05	ASTM D257

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