

SABIC Innovative Plastics LNP STAT-KON SC004 PA 12 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

LNP* Stat-kon* SE004 is a compound based on Nylon 12 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-SC004-PA-12-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	130 MPa	18900 psi	5 mm/min; ISO 527
Elongation at Break	2.0 - 4.0 %	2.0 - 4.0 %	5 mm/min; ISO 527
Tensile Modulus	10.3 GPa	1490 ksi	1 mm/min; ISO 527
Flexural Strength	171 MPa	24800 psi	2 mm/min; ISO 178
Flexural Modulus	7.90 GPa	1150 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	14.0 kJ/m ²	6.66 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	50.0 kJ/m ²	23.8 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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