

SABIC Innovative Plastics LNP STAT-KON EX01696C PEI

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

LNP* STAT-KON* EX01696C is a compound based on Polyetherimide resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive, Clean Compounding System.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-EX01696C-PEI.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	3.6 %	3.6 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	3.69 GPa	535 ksi	50 mm/min; ASTM D638
Flexural Strength	160 MPa	23200 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	3.63 GPa	526 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.80 J/cm	8.99 ft-lb/in	ASTM D4812

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+6 - 1.00e+8 ohm	1.00e+6 - 1.00e+8 ohm	ASTM D257

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