

SABIC Innovative Plastics LNP STAT-KON OE006 PPS - Linear

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* STAT-KON* OE006 is a compound based on PPS - Linear resin containing 30% 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-OE006-PPS-Linear.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	186 MPa	27000 psi	ASTM D638
Elongation at Break	1.2 %	1.2 %	ASTM D638
Tensile Modulus	23.92 GPa	3469 ksi	50 mm/min; ASTM D638
Flexural Strength	282 MPa	40900 psi	ASTM D790
Flexural Modulus	21.16 GPa	3069 ksi	ASTM D790
Izod Impact, Notched	0.740 J/cm	1.39 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.40 J/cm	12.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	108 Â°C @Thickness 3.20 mm	226 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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