

SABIC Innovative Plastics LNP STAT-KON DX03571 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* STAT-KON* DX03571 is a compound based on Polycarbonate resin containing Proprietary Filler(s). 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-DX03571-PC.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D638
	60.0 MPa	8700 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
	4.0 %	4.0 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	2.89 GPa	419 ksi	50 mm/min; ASTM D638
Flexural Strength	96.0 MPa	13900 psi	ASTM D790
	96.0 MPa	13900 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.82 GPa	409 ksi	ASTM D790
	2.82 GPa	409 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	10.68 J/cm	20.01 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	121 Â°C	250 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 - 10000 ohm-cm	100 - 10000 ohm-cm	ASTM D257
Surface Resistance	100 - 10000 ohm	100 - 10000 ohm	ASTM D257

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