

## SABIC Innovative Plastics LNP STAT-KON DX03550 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

LNP STAT-KON\* DX03550 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-DX03550-PC.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-DX03550-PC.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.0 MPa	8410 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Tensile Modulus	2.75 GPa	399 ksi	50 mm/min; ASTM D638
Flexural Strength	96.0 MPa	13900 psi	ASTM D790
Flexural Modulus	2.75 GPa	399 ksi	ASTM D790
Izod Impact, Notched	1.06 J/cm	1.99 ft-lb/in	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	129 Â°C @Thickness 3.20 mm	264 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	10000 - 1.00e+7 ohm-cm	10000 - 1.00e+7 ohm-cm	ASTM D257
Surface Resistance	10000 - 1.00e+7 ohm	10000 - 1.00e+7 ohm	ASTM D257

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