

## SABIC Innovative Plastics LNP STAT-KON CX99000 PS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polystyrene (PS)

**Material Notes:**

LNP\* STAT-KON\* CX99000 is a compound based on Polystyrene containing Carbon Powder. Added features include : Electrically Conductive, Easy Molding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-CX99000-PS-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-CX99000-PS-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0080 cm/cm	0.0080 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	23.0 MPa	3340 psi	5 mm/min; ISO 527
Tensile Strength, Yield	24.0 MPa	3480 psi	5 mm/min; ISO 527
Elongation at Break	2.2 %	2.2 %	5 mm/min; ISO 527
Elongation at Yield	1.8 %	1.8 %	5 mm/min; ISO 527
Tensile Modulus	1.70 GPa	247 ksi	1 mm/min; ISO 527
Flexural Yield Strength	41.0 MPa	5950 psi	2 mm/min; ISO 178
Flexural Modulus	1.70 GPa	247 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	50.0 kJ/m <sup>2</sup>	23.8 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 Â°C	194 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	75.0 Â°C	167 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
Surface Resistance	10000 - 1.00e+6 ohm	10000 - 1.00e+6 ohm	ASTM D257

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