

**SABIC Innovative Plastics LNP STAT-KON RE008 PA 66**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* STAT-KON\* RE008 is a compound based on Nylon 66 containing 40% Carbon Fiber. Characteristics of this grade include: Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-RE008-PA-66.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-RE008-PA-66.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	259 MPa	37600 psi	Type I, 5 mm/min; ASTM D638
Tensile Modulus	33.33 GPa	4834 ksi	5 mm/min; ASTM D638
Flexural Strength	390 MPa	56600 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	25.0 GPa	3630 ksi	2 mm/min; ISO 178
	25.58 GPa	3710 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	1.16 J/cm	2.17 ft-lb/in	ASTM D256
Izod Impact, Unnotched	10.69 J/cm	20.03 ft-lb/in	ASTM D4812
Izod Impact, Notched (ISO)	8.00 kJ/m <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	255 Â°C	491 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
	256 Â°C	493 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	10 - 10000 ohm	10 - 10000 ohm	ASTM D257

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215, Fengxian District, Shanghai City, China**