

**SABIC Innovative Plastics LNP STAT-KON RE0069S PA 66 (Asia Pacific)**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**Material Notes:**

LNP\* STAT-KON\* RE0069S is a compound based on Nylon 66 resin containing Flame Retardant, Carbon Fiber. Added features of this material include: Electrically Conductive, Flame Retardant, Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-RE0069S-PA-66-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-RE0069S-PA-66-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	228 MPa	33100 psi	ASTM D638
Elongation at Break	0.90 %	0.90 %	ASTM D638
Tensile Modulus	35.25 GPa	5113 ksi	50 mm/min; ASTM D638
Flexural Strength	351 MPa	50900 psi	ASTM D790
Flexural Modulus	29.69 GPa	4306 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.47 J/cm	14.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	255 Â°C @Thickness 3.20 mm	491 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.0 - 4.0 ohm	1.0 - 4.0 ohm	ASTM D257

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