

SABIC Innovative Plastics LNP STAT-KON RX04031 PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* STARFLAM* RX04031 is a compound based on PA66 resin containing Carbon Fiber, Glass Fiber, Flame Retardant. Added features include: Non-Brominated & Non-Chlorinated Flame Retardant, Electrically Conductive, Easy Molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-RX04031-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	184 MPa	26700 psi	5 mm/min; ISO 527
Elongation at Break	2.0 %	2.0 %	5 mm/min; ISO 527
Flexural Strength	264 MPa	38300 psi	2 mm/min; ISO 178
Flexural Modulus	15.0 GPa	2180 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	9.00 kJ/m ²	4.28 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	63.0 kJ/m ²	30.0 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	218 Â°C	424 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	UL 94
Glow Wire Test	960 Â°C @Thickness 1.60 mm	1760 Â°F @Thickness 0.0630 in	IEC 60695-2-12

Electrical Properties	Metric	English	Comments
Surface Resistance	1000 - 10000 ohm	1000 - 10000 ohm	ASTM D257

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