

SABIC Innovative Plastics LNP STAT-KON RX05489 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* STAT-KON* RX05489 is a compound based on Nylon 66 resin containing PTFE, Carbon Fiber. Added features of this material include:
Electrically Conductive, Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-RX05489-PA-66-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	171 MPa	24800 psi	ASTM D638
Elongation at Break	2.6 %	2.6 %	ASTM D638
Tensile Modulus	15.31 GPa	2221 ksi	50 mm/min; ASTM D638
Flexural Strength	296 MPa	42900 psi	ASTM D790
Flexural Modulus	14.41 GPa	2090 ksi	ASTM D790
Izod Impact, Notched	1.28 J/cm	2.40 ft-lb/in	ASTM D256
Izod Impact, Unnotched	9.61 J/cm	18.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	247 Â°C @Thickness 3.20 mm	477 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.0 - 6.0 ohm	1.0 - 6.0 ohm	ASTM D257

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