

SABIC Innovative Plastics LNP Thermocomp RF006Q PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Thermocomp* RF006Q is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include:

Reduced Moisture. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-RF006Q-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0010 cm/cm @Time 86400 sec	0.0010 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	122 MPa	17700 psi	ASTM D 638
Elongation at Break	2.6 %	2.6 %	ASTM D 638
Tensile Modulus	9.03 GPa	1310 ksi	50 mm/min; ASTM D 638
Flexural Strength	165 MPa	23900 psi	ASTM D 790
Flexural Modulus	8.01 GPa	1160 ksi	ASTM D 790
Izod Impact, Notched	0.800 J/cm @Temperature 23.0 Â°C	1.50 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	6.35 J/cm @Temperature 23.0 Â°C	11.9 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	161 Â°C @Thickness 3.20 mm	322 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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