

SABIC Innovative Plastics LNP THERMOCOMP RF006L PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Thermocomp* RF006L is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: Low Extractible.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF006L-PA-66-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.59 g/cc	0.0574 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Time 86400 sec	0.0040 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Tensile Modulus	10.54 GPa	1529 ksi	50 mm/min; ASTM D638
Flexural Strength	220 MPa	31900 psi	ASTM D790
Flexural Modulus	8.73 GPa	1270 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.52 J/cm	14.1 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	246 Â°C @Thickness 3.20 mm	475 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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