

SABIC Innovative Plastics LNP THERMOCOMP IF006L PA6.12

Category : Polymer , Thermoplastic , Nylon , Nylon 612

Material Notes:

LNP* THERMOCOMP* IF006L is a compound based on Nylon 6/12 resin containing 30% 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-IF006L-PA612.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	135 MPa	19600 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Tensile Modulus	8.75 GPa	1270 ksi	50 mm/min; ASTM D638
Flexural Strength	206 MPa	29900 psi	ASTM D790
Flexural Modulus	7.79 GPa	1130 ksi	ASTM D790
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.87 J/cm	11.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	198 Â°C @Thickness 3.20 mm	388 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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