

SABIC Innovative Plastics LNP THERMOTUF VF003 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* THERMOTUF* VF003 is a compound based on Nylon resin containing Glass Fiber. Added features of this material include: High Impact.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOTUF-VF003-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	ASTM D638
Elongation at Break	2.6 %	2.6 %	ASTM D638
Tensile Modulus	5.01 GPa	727 ksi	50 mm/min; ASTM D638
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	4.48 GPa	650 ksi	ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.08 J/cm	11.4 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	241 Â°C @Thickness 3.20 mm	466 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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