

SABIC Innovative Plastics LNP THERMOTUF PF00AIS PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP THERMOTUF* PF00AIS is a compound based on Nylon 6 resin containing Glass Fiber. Added features of this material include: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOTUF-PF00AIS-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.63 g/cc	0.0589 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	ASTM D638
Flexural Strength	248 MPa	36000 psi	ASTM D790
Flexural Modulus	12.27 GPa	1780 ksi	ASTM D790
Izod Impact, Notched	1.65 J/cm	3.09 ft-lb/in	ASTM D256
Izod Impact, Unnotched	12.97 J/cm	24.30 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	204 °C @Thickness 3.20 mm	399 °F @Thickness 0.126 in	unannealed; ASTM D648

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