

SABIC Innovative Plastics LNP Thermotuf PX06093 PA 6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* THERMOTUF* PX06093 is a compound based on PA 6 resin containing Impact Modifier. Added features include: High Impact, UV-Stabilized, Laser Marking Grade. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermotuf-PX06093-PA-6-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.019 - 0.021 cm/cm	0.019 - 0.021 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 50.0 MPa	>= 7250 psi	50 mm/min; ISO 527
Tensile Strength, Yield	45.0 MPa	6530 psi	50 mm/min; ISO 527
Flexural Yield Strength	56.0 MPa	8120 psi	2 mm/min; ISO 178
Flexural Modulus	1.50 GPa	218 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m ² @Temperature 23.0 Â°C	3.81 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	>= 100 kJ/m ² @Temperature 23.0 Â°C	>= 47.6 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	50.0 Â°C	122 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/1A

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