

SABIC Innovative Plastics LNP Thermotuf R1000IX2 PA6.6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* THERMOTUF* R1000IX2 is a compound based on PA 66 resin, containing Impact Modifier. Added features include: High Impact. 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-R1000IX2-PA66-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	0.010 - 0.015 cm/cm	0.010 - 0.015 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.0 MPa	9430 psi	50 mm/min; ISO 527
Elongation at Break	>= 40 %	>= 40 %	50 mm/min; ISO 527
Tensile Modulus	2.20 GPa	319 ksi	1 mm/min; ISO 527
Flexural Yield Strength	70.0 MPa	10200 psi	2 mm/min; ISO 178
Flexural Modulus	2.00 GPa	290 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/m ² @Temperature 23.0 Â°C	6.19 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	NB @Temperature 23.0 Â°C	NB @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	160 Â°C	320 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	65.0 Â°C	149 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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