

SABIC Innovative Plastics LNP THERMOCOMP RX02743 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Thermocomp* RX02743 is a compound based on Nylon 66 resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RX02743-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	145 MPa	21000 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	10.54 GPa	1529 ksi	50 mm/min; ASTM D638
Flexural Strength	227 MPa	32900 psi	ASTM D790
Flexural Modulus	9.44 GPa	1370 ksi	ASTM D790
Izod Impact, Notched	0.420 J/cm	0.787 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)	237 Â°C	459 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

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