

SABIC Innovative Plastics LNP THERMOCOMP RX06420 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* Thermocomp* RX06420 is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: Easy Molding, Low Extractible, Mold Release.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RX06420-PA-66-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Time 86400 sec	0.0050 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	113 MPa	16400 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	6.39 GPa	927 ksi	50 mm/min; ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	6.26 GPa	908 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.48 J/cm	8.39 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	222 Â°C @Thickness 3.20 mm	432 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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