

SABIC Innovative Plastics LNP THERMOCOMP RW004 PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP THERMOCOMP* RW004 is a compound based on Nylon 66 resin containing Wollastonite.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RW004-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	78.0 MPa	11300 psi	ASTM D638
Elongation at Break	3.4 %	3.4 %	ASTM D638
Tensile Modulus	4.96 GPa	719 ksi	50 mm/min; ASTM D638
Flexural Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	4.75 GPa	689 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 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)	98.0 Å°C @Thickness 3.20 mm	208 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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