

SABIC Innovative Plastics LNP THERMOCOMP RZ006S PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* THERMOCOMP* RZ006S is a compound based on Nylon 66 resin containing 30% Milled Glass. Added feature of this material is: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RZ006S-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.016 cm/cm @Time 86400 sec	0.016 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	56.0 MPa	8120 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	5.21 GPa	756 ksi	50 mm/min; ASTM D638
Flexural Strength	117 MPa	17000 psi	ASTM D790
Flexural Modulus	5.24 GPa	760 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.43 J/cm	6.43 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	79.0 Å°C @Thickness 3.20 mm	174 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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