

SABIC Innovative Plastics LNP Thermocomp PZ006 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Thermocomp* PZ006 is a compound based on Nylon 6 resin containing Glass Fiber. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-PZ006-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.013 cm/cm @Time 86400 sec	0.013 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	59.0 MPa	8560 psi	ASTM D 638
Elongation at Break	2.3 %	2.3 %	ASTM D 638
Tensile Modulus	5.12 GPa	743 ksi	50 mm/min; ASTM D 638
Flexural Strength	96.0 MPa	13900 psi	ASTM D 790
Flexural Modulus	3.86 GPa	560 ksi	ASTM D 790
Izod Impact, Notched	0.370 J/cm @Temperature 23.0 °C	0.693 ft-lb/in @Temperature 73.4 °F	ASTM D 256
Izod Impact, Unnotched	4.08 J/cm @Temperature 23.0 °C	7.64 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

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