

SABIC Innovative Plastics LNP Thermocomp PH0600B PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Thermocomp* PH0600B is a compound based on Nylon 6 resin containing High Specific Gravity Filler. Added features of this material include: High Specific Gravity. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-PH0600B-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	6.00 g/cc	0.217 lb/in ³	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D 638
Elongation at Yield	3.5 %	3.5 %	ASTM D 638
Tensile Modulus	0.710 GPa	103 ksi	50 mm/min; ASTM D 638
Flexural Strength	68.0 MPa	9860 psi	ASTM D 790
Flexural Modulus	3.30 GPa	479 ksi	ASTM D 790
Izod Impact, Notched	0.530 J/cm @Temperature 23.0 Â°C	0.993 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	3.47 J/cm @Temperature 23.0 Â°C	6.50 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812
Impact Test	10.0 J @Temperature 23.0 Â°C	7.38 ft-lb @Temperature 73.4 Â°F	Instrumented Impact Energy @ peak; ASTM D 3763

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