

SABIC Innovative Plastics LNP Thermocomp P1000P PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Thermocomp* P1000P is a compound based on Nylon 6 resin. Added features of this material include: Exceptional Processing. 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-P1000P-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 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
Linear Mold Shrinkage, Transverse	0.014 cm/cm @Time 86400 sec	0.014 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	84.0 MPa	12200 psi	ASTM D 638
Elongation at Break	14.7 %	14.7 %	ASTM D 638
Flexural Strength	110 MPa	16000 psi	ASTM D 790
Flexural Modulus	31.23 GPa	4530 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

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