

SABIC Innovative Plastics LNP THERMOCOMP PH0220AC PA 6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Thermocomp* PH0220AC is a compound based on Nylon 6 resin containing High Specific Gravity Filler.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PH0220AC-PA-6-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	2.20 g/cc	0.0795 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	66.0 MPa	9570 psi	5 mm/min; ISO 527
Elongation at Yield	1.2 %	1.2 %	5 mm/min; ISO 527
Flexural Yield Strength	99.0 MPa	14400 psi	2 mm/min; ISO 178
Flexural Modulus	6.20 GPa	899 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	111 °C	232 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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