

SABIC Innovative Plastics LNP THERMOCOMP PH1100B PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* THERMOCOMP* PH1100B is a compound based on Nylon 6 resin. Added feature of this material is: High Specific Gravity Filler. Added features of this material include: High Specific Gravity.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PH1100B-PA-6.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|--------------------------|-----------|
| Density | 11.0 g/cc | 0.397 lb/in ³ | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|---------------|----------------------|
| Tensile Strength at Break | 43.0 MPa | 6240 psi | ASTM D638 |
| Tensile Strength, Yield | 43.0 MPa | 6240 psi | ASTM D638 |
| Elongation at Break | 0.40 % | 0.40 % | ASTM D638 |
| Elongation at Yield | 0.40 % | 0.40 % | ASTM D638 |
| Tensile Modulus | 21.95 GPa | 3184 ksi | 50 mm/min; ASTM D638 |
| Flexural Strength | 75.0 MPa | 10900 psi | ASTM D790 |
| Flexural Modulus | 15.69 GPa | 2276 ksi | ASTM D790 |
| Izod Impact, Notched | 0.800 J/cm | 1.50 ft-lb/in | ASTM D256 |
| Izod Impact, Unnotched | 1.80 J/cm | 3.37 ft-lb/in | ASTM D4812 |

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