

SABIC Innovative Plastics LNP THERMOCOMP SH0700B PA12

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

LNP* Thermocomp* SH0700B is a compound based on Nylon 12 containing proprietary fillers. Added feature: High Specific Gravity

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-SH0700B-PA12.php

Physical Properties	Metric	English	Comments
Density	6.90 g/cc	0.249 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	Type I, 5 mm/min; ASTM D638
Tensile Strength, Yield	41.0 MPa	5950 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	1.8 %	1.8 %	Type I, 5 mm/min; ASTM D638
Elongation at Yield	1.6 %	1.6 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	5.22 GPa	757 ksi	5 mm/min; ASTM D638
Flexural Strength	60.0 MPa	8700 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	4.46 GPa	647 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.660 J/cm	1.24 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.36 J/cm	6.29 ft-lb/in	ASTM D4812

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