

SABIC Innovative Plastics LNP THERMOCOMP AR002XXH ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* THERMOCOMP AR002XXH is a compound based on ABS resin containing 10% Barium Sulfate.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-AR002XXH-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	2.6 %	2.6 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	2.40 GPa	348 ksi	5 mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.56 GPa	371 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.840 J/cm	1.57 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.69 J/cm	5.04 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.0 Â°C @Thickness 3.20 mm	172 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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