

SABIC Innovative Plastics LNP THERMOCOMP AF004 ABS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* THERMOCOMP* AF004 is a compound based on Acrylonitrile Butadiene Styren resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-AF004-ABS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	71.0 MPa	10300 psi	5 mm/min; ISO 527
Elongation at Break	1.7 %	1.7 %	5 mm/min; ISO 527
Tensile Modulus	6.00 GPa	870 ksi	1 mm/min; ISO 527
Flexural Strength	77.0 MPa	11200 psi	2 mm/min; ISO 178
Flexural Yield Strength	93.0 MPa	13500 psi	2 mm/min; ISO 178
Flexural Modulus	4.80 GPa	696 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 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 0.46 MPa (66 psi)	101 Â°C	214 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	97.0 Â°C	207 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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