

SABIC Innovative Plastics LNP THERMOCOMP AF003 ABS (Asia Pacific)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* Thermocomp* AF003 is a compound based on Acrylonitrile Butadiene Styrene resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-AF003-ABS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ASTM D638
Elongation at Break	2.2 %	2.2 %	ASTM D638
Tensile Modulus	5.67 GPa	822 ksi	50 mm/min; ASTM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	5.11 GPa	741 ksi	ASTM D790
Izod Impact, Notched	0.740 J/cm	1.39 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.48 J/cm	6.52 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 Â°C	203 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

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