

SABIC Innovative Plastics LNP THERMOCOMP PF00C PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* THERMOCOMP* PF00C is a compound based on Nylon 6 resin containing 60% Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PF00C-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	210 MPa	30500 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Tensile Modulus	22.38 GPa	3246 ksi	50 mm/min; ASTM D638
Flexural Strength	365 MPa	52900 psi	ASTM D790
Flexural Modulus	19.38 GPa	2811 ksi	ASTM D790
Izod Impact, Notched	1.70 J/cm	3.18 ft-lb/in	ASTM D256
Izod Impact, Unnotched	12.29 J/cm	23.02 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	210 Â°C @Thickness 3.20 mm	410 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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