

SABIC Innovative Plastics LNP THERMOCOMP DF006 PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* Thermocomp* DF006 is a compound based on Polycarbonate resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DF006-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ASTM D792
Moisture Absorption	0.100 %	0.100 %	50% RH, 24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	129 MPa	18700 psi	ASTM D638
Elongation at Break	2.9 %	2.9 %	ASTM D638
Tensile Modulus	9.10 GPa	1320 ksi	50 mm/min; ASTM D638
Flexural Strength	199 MPa	28900 psi	ASTM D790
Flexural Modulus	8.54 GPa	1240 ksi	ASTM D790
Izod Impact, Notched	1.65 J/cm	3.09 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	145 Â°C @Thickness 3.20 mm	293 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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