

SABIC Innovative Plastics LNP THERMOCOMP DF006HL PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* THERMOCOMP* DF006HL is a compound based on Polycarbonate resin containing Glass Fiber. Added features of this material include: Low Extractible.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DF006HL-PC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	126 MPa	18300 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Tensile Modulus	8.94 GPa	1300 ksi	50 mm/min; ASTM D638
Flexural Strength	199 MPa	28900 psi	ASTM D790
Flexural Modulus	8.35 GPa	1210 ksi	ASTM D790
Izod Impact, Notched	1.92 J/cm	3.60 ft-lb/in	ASTM D256
Izod Impact, Unnotched	9.67 J/cm	18.1 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	146 Â°C @Thickness 3.20 mm	295 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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