

SABIC Innovative Plastics LNP THERMOCOMP DX06411 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* THERMOCOMP* DX06411 is a compound based on Polycarbonate resin containing 20% Glass Fiber. Added features of this material include: Easy Molding, Mold Release, Healthcare.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DX06411-PC.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	82.0 MPa	11900 psi	ASTM D638
Elongation at Break	4.2 %	4.2 %	ASTM D638
Tensile Modulus	5.74 GPa	833 ksi	50 mm/min; ASTM D638
Flexural Strength	144 MPa	20900 psi	ASTM D790
Flexural Modulus	5.65 GPa	819 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.47 J/cm	14.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	137 Â°C @Thickness 3.20 mm	279 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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