

SABIC Innovative Plastics LNP THERMOCOMP DX06410 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* THERMOCOMP* DX06410 is a compound based on Polycarbonate resin containing 20% Glass Fiber. Added features of this material include: Easy Molding, Mold Release.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-DX06410-PC.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Time 86400 sec	0.0040 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	111 MPa	16100 psi	ASTM D638
Elongation at Break	3.1 %	3.1 %	ASTM D638
Tensile Modulus	6.48 GPa	940 ksi	50 mm/min; ASTM D638
Flexural Strength	172 MPa	24900 psi	ASTM D790
Flexural Modulus	6.20 GPa	899 ksi	ASTM D790
Izod Impact, Notched	1.28 J/cm	2.40 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.96 J/cm	16.8 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	139 °C @Thickness 3.20 mm	282 °F @Thickness 0.126 in	unannealed; ASTM D648

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