

SABIC Innovative Plastics LNP COLORCOMP D1000FH PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP COLORCOMP* D1000FH is an unfilled Polycarbonate compound. Added features of this material include: Low Extractible, Superior Molding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-COLORCOMP-D1000FH-PC.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ISO 1183
Moisture Absorption	0.300 %	0.300 %	50% RH, 24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	64.0 MPa	9280 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Tensile Modulus	2.39 GPa	347 ksi	50 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.170 W/m-K	1.18 BTU-in/hr-ft ² -°F	ASTM E 1530
Deflection Temperature at 0.46 MPa (66 psi)	137 °C	279 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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