

LNP* Colorcomp* Compound D1000FH

Americas: COMMERCIAL

Also known as: D-1000 LE SM
Product Reorder Name: D1000FH

LNP COLORCOMP* D1000FH is a compound based on Polycarbonate resin containing Unfilled Custom Color. Added features of this material include: Low Extractible.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, yield	64	MPa	ASTM D 638
Tensile Strain, yield	6	%	ASTM D 638
Tensile Modulus, 50 mm/min	2390	MPa	ASTM D 638
THERMAL	Value	Unit	Standard
Thermal Conductivity	0.17	W/m-°C	ASTM E 1530
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	137	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	125	°C	ISO 75/Af
PHYSICAL	Value	Unit	Standard
Moisture Absorption, 50% RH, 24 hrs	0.3	%	ASTM D 570
Density	1.2	g/cm ³	ISO 1183

Source GMD, last updated:10/19/2005

Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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