

LNP* Thermocomp* Compound PH1100B

Americas: COMMERCIAL

LNP* Thermocomp* PH1100B is a compound based on Nylon 6 resin containing High Specific Gravity Filler. Added features of this material include: High Specific Gravity.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, yield	43	MPa	ASTM D 638
Tensile Stress, break	43	MPa	ASTM D 638
Tensile Strain, yield	0.4	%	ASTM D 638
Tensile Strain, break	0.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	21950	MPa	ASTM D 638
Flexural Stress	75	MPa	ASTM D 790
Flexural Modulus	15690	MPa	ASTM D 790
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	180	J/m	ASTM D 4812
Izod Impact, notched, 23°C	80	J/m	ASTM D 256
PHYSICAL	Value	Unit	Standard
Density	11	g/cm ³	ASTM D 792

Source GMD, last updated:02/27/2007

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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