

LNP* Thermocomp* Compound MB006HS

Americas: COMMERCIAL

Also known as: MB-1006 HS HC
Product Reorder Name: MB006HS

LNP* Thermocomp* MB006HS is a compound based on Polypropylene resin containing Glass Fiber. Added features of this material include: Heat Stabilized.

Property

TYPICAL PROPERTIES ⁽¹⁾			
	Value	Unit	Standard
MECHANICAL			
Tensile Stress, break	28	MPa	ASTM D 638
Tensile Strain, break	23.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	2590	MPa	ASTM D 638
Flexural Stress	41	MPa	ASTM D 790
Flexural Modulus	2040	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	229	J/m	ASTM D 4812
Izod Impact, notched, 23°C	21	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	63	°C	ASTM D 648
PHYSICAL			
Density	1.12	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	1	%	ASTM D 955

Source GMD, last updated:01/02/2007

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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