

LNP* Thermocomp* Compound RFB53XXZ

Americas: COMMERCIAL

Also known as: RF-1008 MG
Product Reorder Name: RFB53XXZ

LNP* Thermocomp* RFB53XXZ is a compound based on Nylon 66 resin containing Glass Fiber, Milled Glass.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	108	MPa	ASTM D 638
Tensile Strain, break	2.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	7740	MPa	ASTM D 638
Flexural Stress	186	MPa	ASTM D 790
Flexural Modulus	6990	MPa	ASTM D 790
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	441	J/m	ASTM D 4812
Izod Impact, notched, 23°C	26	J/m	ASTM D 256
THERMAL	Value	Unit	Standard
HDT, 1.82 MPa, 3.2mm, unannealed	225	°C	ASTM D 648
PHYSICAL	Value	Unit	Standard
Density	1.46	g/cm ³	ASTM D 792

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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