

LNP* Thermotuf* Compound RF008IS

Americas: COMMERCIAL

Also known as: RF-1008 HI HS
Product Reorder Name: RF008IS

LNP* Thermotuf* RF008IS is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: High Impact.

Property

TYPICAL PROPERTIES ⁽¹⁾			
	Value	Unit	Standard
MECHANICAL			
Tensile Stress, break	168	MPa	ISO 527
Tensile Strain, break	2.7	%	ISO 527
Tensile Modulus, 1 mm/min	12500	MPa	ISO 527
Flexural Stress	274	MPa	ISO 178
Flexural Modulus	11000	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	75	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	15	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	247	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow, 24 hrs	0.2	%	ASTM D 955
Density	1.46	g/cm ³	ISO 1183

Source GMD, last updated:11/30/2005

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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