

## LNP\* Thermocomp\* Compound RFZ22S

Americas: COMMERCIAL

Also known as: RF-1004 HS MG  
Product Reorder Name: RFZ22S

LNP\* Thermocomp\* RFZ22S is a compound based on Nylon 66 resin containing Glass Fiber, Milled Glass. Added features of this material include: Heat Stabilized.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	115	MPa	ASTM D 638
Tensile Strain, yield	2.8	%	ASTM D 638
Tensile Strain, break	3.6	%	ASTM D 638
Tensile Modulus, 50 mm/min	6460	MPa	ASTM D 638
Flexural Stress	179	MPa	ASTM D 790
Flexural Modulus	5300	MPa	ASTM D 790
Tensile Stress, break	117	MPa	ISO 527
Tensile Modulus, 1 mm/min	6430	MPa	ISO 527
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	451	J/m	ASTM D 4812
Izod Impact, notched, 23°C	32	J/m	ASTM D 256
THERMAL	Value	Unit	Standard
HDT, 1.82 MPa, 3.2mm, unannealed	241	°C	ASTM D 648
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	258	°C	ISO 75/Bf
PHYSICAL	Value	Unit	Standard
Density	1.29	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.5	%	ASTM D 955

Source GMD, last updated:05/23/2006

### 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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