

## LNP\* Thermocomp\* Compound BF004

Americas: COMMERCIAL

Also known as: BF-1004  
Product Reorder Name: BF004

LNP\* Thermocomp\* BF004 is a compound based on Styrene Acrylonitrile resin containing Glass Fiber.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	97	MPa	ISO 527
Tensile Strain, break	1.5	%	ISO 527
Flexural Stress	140	MPa	ISO 178
Flexural Modulus	7900	MPa	ISO 178
IMPACT	Value	Unit	Standard
Izod Impact, notched 80*10*4 +23°C	3	kJ/m <sup>2</sup>	ISO 180/1A
THERMAL	Value	Unit	Standard
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	100	°C	ISO 75/Af

Source GMD, last updated:01/17/2006

### 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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