

LNP* Thermocomp* Compound JF003E

Americas: COMMERCIAL

Also known as: JF-1003 EM
Product Reorder Name: JF003E

LNP* Thermocomp* JF003E is a compound based on Polyethersulfone resin containing Glass Fiber. Added features of this material include: Easy Molding.

Property

TYPICAL PROPERTIES ⁽¹⁾			
	Value	Unit	Standard
MECHANICAL			
Tensile Stress, break	101	MPa	ASTM D 638
Tensile Strain, break	2.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	5950	MPa	ASTM D 638
Flexural Stress	158	MPa	ASTM D 790
Flexural Modulus	5810	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	427	J/m	ASTM D 4812
Izod Impact, notched, 23°C	42	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	207	°C	ASTM D 648
PHYSICAL			
Density	1.48	g/cm ³	ASTM D 792
Density	1.48	g/cm ³	ISO 1183

Source GMD, last updated:10/11/2005

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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