

LNP* Thermocomp* Compound QF004

Americas: COMMERCIAL

Also known as: QF-1004
Product Reorder Name: QF004

LNP* Thermocomp* QF004 is a compound based on Nylon 6/10 resin containing Glass Fiber.

Property

| TYPICAL PROPERTIES ⁽¹⁾ | | | |
|-----------------------------------|-------|-------------------|-------------|
| MECHANICAL | Value | Unit | Standard |
| Tensile Stress, break | 111 | MPa | ASTM D 638 |
| Tensile Strain, break | 2.4 | % | ASTM D 638 |
| Tensile Modulus, 50 mm/min | 6370 | MPa | ASTM D 638 |
| Flexural Stress | 158 | MPa | ASTM D 790 |
| Flexural Modulus | 5920 | MPa | ASTM D 790 |
| IMPACT | Value | Unit | Standard |
| Izod Impact, unnotched, 23°C | 432 | J/m | ASTM D 4812 |
| Izod Impact, notched, 23°C | 48 | J/m | ASTM D 256 |
| THERMAL | Value | Unit | Standard |
| HDT, 1.82 MPa, 3.2mm, unannealed | 203 | °C | ASTM D 648 |
| PHYSICAL | Value | Unit | Standard |
| Density | 1.24 | g/cm ³ | ASTM D 792 |
| Mold Shrinkage, flow, 24 hrs | 26 | % | ASTM D 955 |

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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