

LNP* Thermocomp* Compound DF0049

Americas: COMMERCIAL

Also known as: DF-1004 FR
Product Reorder Name: DF0049

LNP THERMOCOMP* DF0049 is a compound based on Polycarbonate resin containing Flame Retardant, Glass Fiber. Added features of this material include: Flame Retardant.

Property

| TYPICAL PROPERTIES ⁽¹⁾ | | | |
|-----------------------------------|----------|------|-------------|
| MECHANICAL | Value | Unit | Standard |
| Tensile Stress, break | 103 | MPa | ASTM D 638 |
| Tensile Strain, break | 2.8 | % | ASTM D 638 |
| Tensile Modulus, 50 mm/min | 6620 | MPa | ASTM D 638 |
| Flexural Stress | 172 | MPa | ASTM D 790 |
| Flexural Modulus | 6590 | MPa | ASTM D 790 |
| IMPACT | Value | Unit | Standard |
| Izod Impact, unnotched, 23°C | 818 | J/m | ASTM D 4812 |
| Izod Impact, notched, 23°C | 96 | J/m | ASTM D 256 |
| THERMAL | Value | Unit | Standard |
| HDT, 1.82 MPa, 3.2mm, unannealed | 143 | °C | ASTM D 648 |
| CTE, -40°C to 40°C, flow | 2.52E-05 | 1/°C | ASTM E 831 |

Source GMD, last updated:08/02/2005

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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