

LNP™ THERMOCOMP™ MFB22EXJ

compound

Polypropylene

SABIC Innovative Plastics

Message:

LNP* THERMOCOMP* MFB22EXJ is a compound based on Polypropylene resin containing Glass Fiber, Glass Bead. Added features of this grade are: Easy Molding, High Flow, Healthcare.

| General Information | | | |
|--|--------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Beads \Glass Fiber | | |
| Features | Good formability | | |
| | High liquidity | | |
| Uses | Medical/nursing supplies | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.05 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (210°C/5.0 kg) | 12 - 20 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus ¹ | 4090 | MPa | ASTM D638 |
| Tensile Strength ² | | | ASTM D638 |
| Yield | 34.0 | MPa | ASTM D638 |
| Fracture | 30.0 | MPa | ASTM D638 |
| Tensile Elongation ³ | | | ASTM D638 |
| Yield | 3.9 | % | ASTM D638 |
| Fracture | 6.7 | % | ASTM D638 |
| Flexural Modulus ⁴ (50.0 mm Span) | 2970 | MPa | ASTM D790 |
| Flexural Strength ⁵ (Yield, 50.0 mm Span) | 50.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 40 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 100 | °C | ASTM D648 |
| NOTE | | | |
| 1. | 5.0 mm/min | | |
| 2. | Type 1, 5.0 mm/min | | |
| 3. | Type 1, 5.0 mm/min | | |
| 4. | 1.3 mm/min | | |
| 5. | 1.3 mm/min | | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

