



Hostacom G3 N01 L303613

Compounded Polyolefin

Product Description

"Hostacom G3 N01 L303613 is a glass fiber reinforced PP homopolymer, with low melt flow rate. Product is UL listed."

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

| | | |
|--------------------------------------|----------------------|-----|
| Status | Commercial | |
| Availability | Europe | (1) |
| Processing Method | Injection molding | |
| Features | Low melt flow rate. | |
| Typical Customer Applications | Used for appliances. | |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------------|
| Physical | | | |
| Density (23 °C) | ISO 1183-1/A | 1.14 | g/cm ³ |
| Melt Volume Rate (230 °C, 2.16 kg) | ISO 1133 | 1 | cm ³ /10 min |
| Melt Volume Rate (230 °C, 5 kg) | ISO 1133 | 5 | cm ³ /10 min |
| Mechanical | | | |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 5500 | MPa |
| Tensile Modulus (23 °C) | ISO 527-1, -2 | 6500 | MPa |
| Tens.Strain at Break | ISO 527-1, -2 | 3.0 | % |
| Tensile Stress at Break (23 °C) | ISO 527-1, -2 | 85 | MPa |
| Impact | | | |
| Charpy Impact Strength, unnotched (23 °C) | ISO 179-1/1eU | 40 | kJ/m ² |
| Charpy Impact Strength, notched (23 °C) | ISO 179-1/1eA | 9.0 | kJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature B (50 N) | ISO 306 | 130 | °C |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 155 | °C |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 140 | °C |
| Other | | | |
| Flame Class (3.0 mm) | UL 94 | HB | - |
| Flame Class (1.5 mm) | UL 94 | HB | - |

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.