



Hostacom G2 N02 100000

Compounded Polyolefin

Product Description

Hostacom G2 N02 100000 is a 20% glass fiber reinforced PP homopolymer, with high stiffness. This grade is delivered in black color version.

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 | Stiffness. | |
| Typical Customer Applications | Used for injection moulding general purpose. | |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 5 kg) | ISO 1133 | 5.2 | g/10 min |
| Melt Volume Rate (230 °C, 5 kg) | ISO 1133 | 6 | cm ³ /10 min |
| Density (23 °C) | ISO 1183-1/A | 1.05 | g/cm ³ |
| Mechanical | | | |
| Tensile Modulus (23 °C) | ISO 527-1, -2 | 4500 | MPa |
| Tensile Stress at Break (23 °C) | ISO 527-1, -2 | 72 | MPa |
| Tens.Strain at Break | ISO 527-1, -2 | 3.5 | % |
| 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 | 8 | kJ/m ² |
| Thermal | | | |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 115 | °C |

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.