



Hostacom X 437 100000

Compounded Polyolefin

Product Description

Hostacom X 437 100000 is a 20% talc filled PP homopolymer, with high melt flow rate, high stiffness and high thermal resistance. 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 | High melt flow rate, stiffness, thermal resistance. | |
| Typical Customer Applications | Used for heating and air conditioning units. | |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 12 | g/10 min |
| Melt Volume Rate (230 °C, 2.16 kg) | ISO 1133 | 14 | cm ³ /10 min |
| Density (23 °C) | ISO 1183-1/A | 1.06 | g/cm ³ |
| Mechanical | | | |
| Tensile Modulus (23 °C) | ISO 527-1, -2 | 2600 | MPa |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 32 | MPa |
| Impact | | | |
| Charpy Impact Strength, unnotched (23 °C) | ISO 179-1/1eU | 35 | kJ/m ² |
| Charpy Impact Strength, notched (23 °C) | ISO 179-1/1eA | 3 | kJ/m ² |
| Thermal | | | |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 70 | °C |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 120 | °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.