



Hifax TRC 103P 11BK03

Compounded Polyolefin

Product Description

Hifax TRC 103P 11BK03 is a 18% talc filled PP copolymer, with high impact resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in 11BK03 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 | Impact resistance. | |
| Typical Customer Applications | Used for moulding large complex parts and applications demanding high impact strength as well as good stiffness. | |

| Typical Properties | Method | Value | Unit |
|--|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 23 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 1.0 | g/cm ³ |
| Mechanical | | | |
| Tensile Strength (23 °C) | ISO 527-1, -2 | 20 | MPa |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 1700 | MPa |
| Impact | | | |
| Izod Impact strength, notched (23 °C) | ISO 180/1A | 42 | kJ/m ² |
| Izod Impact Strength, notched (-30 °C) | ISO 180/1A | 5.3 | kJ/m ² |
| Thermal | | | |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 54 | °C |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 95 | °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.