

Hostacom CR 1171 G1

Compounded Polyolefin

Product Description

Hostacom CR 1171 G1 is a talc filled PP copolymer, with medium melt flow rate, high impact resistance and good UV resistance. This grade is delivered in customer customized colors. This Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Product Characteristics

| | |
|--------------------------------------|--|
| Status | Commercial |
| Processing Method | Injection molding |
| Features | Medium melt flow rate, impact resistance, UV resistance. |
| Typical Customer Applications | Used for automotive interior trims. |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 12 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 0.99 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 21 | MPa |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 1800 | MPa |
| Flexural Strength (23 °C) Tech. A | ISO 178/A1 | 26 | MPa |
| Impact | | | |
| Izod Impact strength, notched (23 °C) | ISO 180/1A | 20 | kJ/m ² |
| Izod Impact Strength, notched (-30 °C) | ISO 180/1A | 4.2 | kJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature B (50 N) | ISO 306 | 54 | °C |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 54 | °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.

