



Hostacom AJ 1165 E BLACK

Compounded Polyolefin

Product Description

Hostacom AJ 1165 E BLACK is a 30 % chemically coupled, glass fiber reinforced PP copolymer, with medium melt flow rate, high rigidity, good impact resistance and excellent impact/stiffness balance. The product is available in black color, pellet form.

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 | Flowability, impact/stiffness balance. | |
| Typical Customer Applications | Used for automotive under-the-hood and structural parts. | |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 5 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 1.14 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 97 | MPa |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 7400 | MPa |
| Flexural Strength (23 °C) Tech. A | ISO 178/A1 | 135 | MPa |
| Impact | | | |
| Izod Impact strength, notched (23 °C) | ISO 180/1A | 10 | kJ/m ² |
| Izod Impact Strength, notched (-30 °C) | ISO 180/1A | 8 | kJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature B (50 N) | ISO 306 | 130 | °C |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 150 | °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.