



Hostacom ERC 487N G62720

Compounded Polyolefin

Product Description

Hostacom ERC 487N G62720 is a less than 5% talc filled PP copolymer, with excellent flowability, high stiffness, excellent thermal resistance and excellent dimensional stability. The product is also available as a customized color matched, pellet form. It has been designed using the latest advancements in resin synthesis and compounding technology. This grade is delivered in G62720 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

| | |
|-------------------------------|--|
| Status | Commercial |
| Processing Method | Injection molding |
| Features | Flowability, stiffness, dimensional stability. |
| Typical Customer Applications | Developed for automotive interior trims; advanced technologies allowed for a reduction of filler content which contribute to the reduction of final part weight. |

| Typical Properties | Method | Value | Unit |
|--|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 20 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 0.95 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 25 | MPa |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 1850 | MPa |
| Impact | | | |
| Charpy Impact Strength, notched (23 °C) | ISO 179-1/1eA | 5 | kJ/m ² |
| Charpy Impact Strength, notched (-40 °C) | ISO 179-1/1eA | 1.5 | kJ/m ² |
| Izod Impact strength, notched (23 °C) | ISO 180/1A | 5 | kJ/m ² |
| Izod Impact strength, notched (-40 °C) | ISO 180/1A | 2.5 | kJ/m ² |
| Thermal | | | |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 105 | °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 affect the quality of this product
- Keep material completely dry for good processing.

