

Hostacom PPN 1034 12

Compounded Polyolefin

Product Description

Hostacom PPN 1034 12 is an unfilled PP copolymer, with medium melt flow rate and good low temperature impact resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

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

Product Characteristics

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|--------------------------------------|--|
| Status | Commercial |
| Processing Method | Injection molding |
| Features | Medium melt flow rate, low temperature impact resistance. |
| Typical Customer Applications | Used for automotive under-the-hood and non-visible console components. |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 5 kg) | ISO 1133 | 13 | g/10 min |
| Melt Volume Rate (230 °C, 5 kg) | ISO 1133 | 15 | cm ³ /10 min |
| Density (23 °C) | ISO 1183-1/A | 0.9 | g/cm ³ |
| Mechanical | | | |
| Tensile Modulus (23 °C) | ISO 527-1, -2 | 1050 | MPa |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 24 | MPa |
| Impact | | | |
| Charpy Impact Strength, unnotched (23 °C) | ISO 179-1/1eU | N.B. | kJ/m ² |
| Charpy Impact Strength, unnotched (0 °C) | ISO 179-1/1eU | N.B. | kJ/m ² |
| Charpy Impact Strength, notched (23 °C) | ISO 179-1/1eA | 25 | kJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature B (50 N) | ISO 306 | 68 | °C |
| Heat Deflection Temperature A (1.8 MPa) | ISO 75-1, -2 | 55 | °C |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 80 | °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.

