

Hostacom TKC 451N

Compounded Polyolefin

Product Description

Hostacom TKC 451N is a 18% talc filled PP copolymer, with good impact/stiffness balance and high scratch resistance. The product is available in different color matched, pellet form. 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 | Impact/stiffness balance, scratch resistance. |
| Typical Customer Applications | Used for indoor/interior applications. |

| Typical Properties | Method | Value | Unit |
|--|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 14 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 1.04 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 20 | MPa |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 1850 | MPa |
| Impact | | | |
| Izod Impact strength, notched (23 °C) | ISO 180/1A | 20 | kJ/m ² |
| Izod Impact Strength, notched (-30 °C) | ISO 180/1A | 3 | kJ/m ² |
| Thermal | | | |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2 | 96 | °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.

