

Technical Data Sheet

Hostacom TKC 446N C11564

Polypropylene Compounds

Product Description

Hostacom TKC 446N C11564 is a 10% talc filled PP copolymer, with high melt flow rate, excellent low temperature impact resistance and very good processability. 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.

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|--------------------------|---|
| Application | Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Processability; High Flow; Low Temperature Impact Resistance |

| Typical Properties | Nominal Value | Units | Test Method |
|---|----------------------|-------------------|--------------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 20 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.98 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1100 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 15 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 48 | kJ/m ² | ISO 180/1A |
| (0 °C) | 46 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 10 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 50 | °C | ISO 75A-1, -2 |