

Technical Data Sheet

Hostacom TKC 451N G32832



Polypropylene Compounds

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 product is also available in other colors, new colors can be developed depending on customer requirements.

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

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|--------------------------|----------------------------------|
| Application | Interior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Scratch Resistant |

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