



Hostacom TRC 452N

Compounded Polyolefin

Product Description

Hostacom TRC 452N is a 20% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability, good scratch resistance and outstanding blooming resistance at elevated temperatures. 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, flowability and blooming resistance at elevated temperatures.

Typical Customer Applications Used for indoor/interior applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	18	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	22	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1900	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	30	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	4.5	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	54	°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.

