

Hostacom TRC 2016N

Compounded Polyolefin

Product Description

Hostacom TRC 2016N is a 10% talc filled PP copolymer, with high flowability, good impact/stiffness balance, high UV resistance, very good scratch resistance and low emissions. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. 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, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, impact/stiffness balance, UV resistance, scratch resistance, emissions. Low density contributes to reduction of final part weight.

Typical Customer Applications Used for automotive interior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	20	g/10 min
Density (23 °C)	ISO 1183-1/A	0.97	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	21	MPa
Tens. Strain at Break	ISO 527-1, -2	40	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1700	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	20	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	3.5	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	130	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	95	°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.

