

Hostacom ERC 198N

Compounded Polyolefin

Product Description

Hostacom ERC 198N is a 20% talc filled PP copolymer, with high melt flow rate, high toughness and good UV resistance. 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	Flowability, toughness, UV resistance.
Typical Customer Applications	Used for automotive interior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	15	g/10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1800	MPa
Flexural Strength (23 °C) Tech. A	ISO 178/A1	26	MPa
Tensile Stress at Yield	ISO 8986-2	19	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	36	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	6	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	55	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	60	°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.

