



## Hostacom ERC 450N

### Compounded Polyolefin

#### Product Description

Hostacom ERC 450N is a 10% talc filled PP copolymer, with superior flowability, low density, excellent scratch resistance, low odour and low emissions. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. 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 grade is not intended for medical, pharmaceutical, food and drinking water applications.*

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, low density, scratch resistance, low odour, low emissions. Low density contributes to reduction of final part weight.
Typical Customer Applications	Used for applications that require excellent aesthetics, used for automotive interior trims, that require good balance of stiffness and impact performance.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	27	g/10 min
Density (23 °C)	ISO 1183-1/A	0.98	g/cm <sup>3</sup>
<b>Mechanical</b>			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1900	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	5	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.

