

Technical Data Sheet

Hostacom ERC 450N R C11539

Polypropylene Compounds

Product Description

Hostacom ERC 450N R is a 10% talc filled PP copolymer compound, with superior flowability, low density, excellent scratch resistance, offering low odour and low emissions performances.

Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight.

This polypropylene compound is produced locally in Russia.

The grade being in development, this is a preliminary datasheet subjected to changes after product industrialization.

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.

Application	Automotive Parts; Instrument Panels; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Excellent Stiffness; Good Abrasion Resistance; Good Color Stability; Good Impact Resistance; Good Surface Finish; High Flow; Low Density; Low to No Odor; Low VOC Emission; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	27	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1900	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched, (23 °C)	5	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2