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## **Technical Data Sheet**

## Hostacom ERC 450N R C11274



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.

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

	Nominal		
Typical Properties	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/cm³	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/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2