

## 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.*

|                          |                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | Automotive Parts; Instrument Panels; Interior Automotive Applications                                                                                                                                                                 |
| <b>Market</b>            | Automotive                                                                                                                                                                                                                            |
| <b>Processing Method</b> | Injection Molding                                                                                                                                                                                                                     |
| <b>Attribute</b>         | 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   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 27            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 0.98          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1900          | MPa               | ISO 178/A1    |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 5             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 95            | °C                | ISO 75B-1, -2 |