

(+) 18816996168

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Technical Data Sheet

Hostacom ERC 161N C1 NATURAL



Polypropylene Compounds

Product Description

Hostacom ERC 161N C1 Natural is a mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, low odor and excellent flowability properties with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts. The grade is available in color-matched, pellet form.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

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|--------------------------|---------------------------|
| Application | Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | High Flow; High Stiffness |

| Typical Properties | Nominal Value | Units | Test Method |
|------------------------------------|----------------------|-------------------|--------------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 15.5 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.01 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 2200 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 27 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 4.5 | kJ/m ² | ISO 180 |
| (-30 °C) | 3 | kJ/m ² | ISO 180 |