

Hostacom ERC 463N

Polypropylene
LyondellBasell Industries

Message:

Hostacom ERC 463N is a 10% mineral filled, polypropylene grade for injection molding.
The grade features high flow and high stiffness while containing low content of fillers.
The grade has been specifically designed for interior trim applications. The low density concept contributes to the reduction of final part weight.
The grade features good scratch resistance and low odor.
The grade is available in coloured, pellet form.

| General Information | | | |
|---|------------------------------|-------------------|--------------|
| Filler / Reinforcement | Mineral,10% Filler by Weight | | |
| Features | High Flow | | |
| | High Stiffness | | |
| | Low to No Odor | | |
| | Scratch Resistant | | |
| Uses | Automotive Applications | | |
| | Automotive Interior Parts | | |
| Appearance | Colors Available | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.970 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 24 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 2000 | MPa | ISO 527-2 |
| Tensile Stress (Yield) | 25.0 | MPa | ISO 527-2/50 |
| Flexural Modulus - Secant | 1900 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179 |
| 0°C | 4.0 | kJ/m ² | |
| 23°C | 6.0 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | |
| 0.45 MPa, Unannealed | 110 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | 55.0 | °C | ISO 75-2/A |

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