

Hostacom TRC 2016N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom TRC 2016N is a 10% talc filled PP copolymer, with high flowability, good impact/stiffness balance, high UV resistance, very good scratch resistance and low emissions. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

| General Information | | | |
|--|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc filler, 10% filler by weight | | |
| Features | Low volatilization | | |
| | Low density | | |
| | Rigid, good | | |
| | Copolymer | | |
| | Impact resistance, good | | |
| | Good UV resistance | | |
| | High liquidity | | |
| | Scratch resistance | | |
| | | | |
| | | | |
| Uses | Car interior equipment | | |
| Appearance | Available colors | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density (23°C) | 0.970 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 20 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield, 23°C) | 21.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 40 | % | ISO 527-2 |
| Flexural Modulus ¹ (23°C) | 1700 | MPa | ISO 178/A |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/1eA |
| -30°C | 3.5 | kJ/m ² | ISO 179/1eA |
| 23°C | 20 | kJ/m ² | ISO 179/1eA |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 95.0 | °C | ISO 75-2/B |
| Vicat Softening Temperature | 130 | °C | ISO 306/A |
| NOTE | | | |

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