

Hostacom M4 U02 200007

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom M4 U02 200007 is a 40% talc filled PP homopolymer, with high flowability, outstanding stiffness and high dimensional stability. Product is available as a customized color matched, pellet form. This grade is delivered in 200007 color version.

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

| General Information | | | |
|---|-----------------------------------|-----------|-------------|
| Filler / Reinforcement | Talc filler, 40% filler by weight | | |
| Features | Good dimensional stability | | |
| | Rigid, good | | |
| | Homopolymer | | |
| | High liquidity | | |
| | General | | |
| Uses | General | | |
| Appearance | Available colors | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density (23°C) | 1.21 | g/cm³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15 | g/10 min | ISO 1133 |
| Melt Volume-Flow Rate (MVR) (230°C/2.16 kg) | 15.0 | cm³/10min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 4000 | MPa | ISO 527-2 |
| Tensile Stress (Yield, 23°C) | 31.0 | MPa | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 2.5 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength | | | ISO 179/1eU |
| 0°C | 14 | kJ/m² | ISO 179/1eU |
| 23°C | 25 | kJ/m² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | |
| 0.45 MPa, not annealed | 125 | °C | ISO 75-2/B |
| 1.8 MPa, not annealed | 75.0 | °C | ISO 75-2/A |

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