

Hifax TYC 007P E R299

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TYC 007 PE R299 is a mineral filled polypropylene for injection moulding. It exhibits a superior balance of flowability, stiffness and impact. The product has a UV resistance designed for outdoor applications with good processability. This grade is available in custom colour, pellet form.

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Filler / Reinforcement | Mineral | | |
| Features | Good Flow | | |
| | Good Impact Resistance | | |
| | Good Processability | | |
| | Good Stiffness | | |
| Uses | Automotive Applications | | |
| | Automotive Bumper | | |
| | Automotive Exterior Parts | | |
| Appearance | Colors Available | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.05 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 35 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 21.0 | MPa | ISO 527-2 |
| Flexural Modulus (23°C) | 2100 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | | | ISO 180/A |
| -30°C | 8.0 | kJ/m ² | |
| 23°C | 50 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | |
| 0.45 MPa, Unannealed | 115 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | 63.0 | °C | ISO 75-2/A |

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