

Hifax TRC 432P G14008

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TRC 432P E is a medium to high melt flow, mineral filled polypropylene copolymer for injection moulding optimised for good esthetics. The grade is UV stabilised and has been specifically designed for moulding of large complex visible parts that require a good impact/stiffness balance.

| General Information | | | |
|---|-----------------------------|-------------------|--------------|
| Filler / Reinforcement | Mineral | | |
| Additive | UV Stabilizer | | |
| Features | Copolymer | | |
| | Good Dimensional Stability | | |
| | High Flow | | |
| | High Stiffness | | |
| | Medium Impact Resistance | | |
| | Pleasing Surface Appearance | | |
| Uses | Automotive Applications | | |
| | Automotive Exterior Parts | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.06 | g/cm ³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 21 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield, 23°C) | 21.0 | MPa | ISO 527-2/50 |
| Flexural Modulus ¹ (23°C) | 2250 | MPa | ISO 178 |
| Flexural Stress (23°C) | 32.5 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | | | ISO 180/1A |
| -30°C | 3.0 | kJ/m ² | |
| 23°C | 11 | kJ/m ² | |
| NOTE | | | |
| 1. | 2.0 mm/min | | |

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