

Technical Data Sheet

Hifax TYC 007P E C13101

Polypropylene Compounds

Product Description

Hifax TYC 007P E C13101 is a 22% talc filled PP copolymer, with superior melt flow rate, high rigidity, excellent processability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C13101 color version.

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

| | |
|--------------------------|--|
| Status | Commercial: Active |
| Availability | Europe |
| Application | Exterior Trim |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Fast Cycle (Production); Good Dimensional Stability; Good Processability; Good Surface Finish; Good UV Resistance; High Flow; High Impact Resistance |

| Typical Properties | Nominal Value | Units | Test Method |
|------------------------------------|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 35 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.05 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 2000 | MPa | ISO 178/A1 |
| Tensile Strength, (23 °C) | 21 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 50 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 6 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load | | | |
| (0.45 MPa, Unannealed) | 110 | °C | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed) | 55 | °C | ISO 75A-1, -2 |

Notes

These are typical property values not to be construed as specification limits.