

Technical Data Sheet

Hifax TYC 1152P E S82786

Polypropylene Compounds

Product Description

Hifax TYC 1152P E S82786 is a 16.5% talc filled PP copolymer, with high impact resistance, high stiffness and low CLTE.

This product is also available in other colors, new colors can be developed depending on customer requirements.

Regulatory Status

For regulatory compliance information, see Hifax TYC 1152P E S82786 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

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|--------------------------|--|
| Status | Commercial: Active |
| Availability | Europe |
| Application | Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | High Flow; High Impact Resistance; Low Density |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 30 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.01 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 2000 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 19 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 38 | kJ/m ² | ISO 179-1/1eA |
| (-40 °C) | 3.3 | kJ/m ² | ISO 179-1/1eA |
| Thermal | | | |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 54 | °C | ISO 75A-1, -2 |

Notes

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