

Technical Data Sheet

Hifax TYC 2005P S62840

Polypropylene Compounds

Product Description

Hifax TYC 2005P S62840 is a 14% talc filled PP copolymer, with very high flowability, high impact resistance and medium rigidity. This material has been coloured to create a metallic effect.

Regulatory Status

For regulatory compliance information, see Hifax TYC 2005P S62840 [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 Trim |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | High Flow; High Impact Resistance; Medium Rigidity; Mold-In-Colour Metallic Effect; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|------------------------------------|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 26 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.02 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1350 | MPa | ISO 178/A1 |
| Tensile Strength, (23 °C) | 16 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 45 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 5 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load | | | |
| (0.45 MPa, Unannealed) | 82 | °C | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed) | 49 | °C | ISO 75A-1, -2 |

Notes

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