

Technical Data Sheet

Hifax TYC 2459P E C11287



Polypropylene Compounds

Product Description

Hifax TYC 2459P E C11287 is a 20% talc filled PP copolymer, with very low shrinkage, high flowability, good impact/stiffness balance and low CLTE (Coefficient of Linear Thermal Expansion). This grade is delivered in customer customized colors.

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

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

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|--------------------------|---|
| Application | Automotive Parts; Exterior Automotive Applications; Exterior Trim |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Dimensional Stability; Good Processability; High Impact Resistance; Pleasing Surface Appearance; Scratch Resistant; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 27 | 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) | 2100 | MPa | ISO 178/A1 |
| Tensile Strain at Break, (23 °C) | 40 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 25 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 3.5 | kJ/m ² | ISO 179-1/1eA |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 110 | °C | ISO 75B-1, -2 |