

Technical Data Sheet

Hifax TYC 462X BLACK



Polypropylene Compounds

Product Description

Hifax TYC 462X is a 30% talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. This grade is delivered in black color. This Data Sheet is giving general properties.

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

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|--------------------------|--|
| Application | Exterior Trim |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Impact Resistance; High Flow; Pleasing Surface Appearance |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 34 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.13 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1800 | MPa | ISO 178/A1 |
| Flexural Strength, (23 °C, Tech. A) | 23 | MPa | ISO 178/A1 |
| Tensile Strength, (23 °C) | 17 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 25 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 3.5 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 54 | °C | ISO 75A-1, -2 |