

Technical Data Sheet

Hifax CB 45G T 2003 (SC BLACK)



Polypropylene Compounds

Product Description

Hifax CB 45G T 2003 (SC BLACK) is a 30% talc filled PP copolymer, with a good balance of flowability, impact strength and stiffness. Product is available as non color matched, black, pellet form.

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

| | |
|--------------------------|---|
| Application | Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Impact Resistance; Good Stiffness; Good UV Resistance; Medium Flow |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 10 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.13 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus | 2400 | MPa | ISO 178 |
| Tensile Stress at Yield | 20 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break | 40 | % | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 14 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 113 | °C | ISO 75B-1, -2 |