

Hifax HSBM CB 1151 G

Compounded Polyolefin

Product Description

Hifax HSBM CB 1151 G is a 10% talc filled PP copolymer, with medium flowability, high impact resistance and very good UV resistance. The product is available in different color matched, pellet form. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, impact resistance, UV resistance, surface appearance.
Typical Customer Applications	Developed for applications that require excellent aesthetics, designed for automotive unpainted bumper.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	13	g/10 min
Density (23 °C)	ISO 1183-1/A	1.0	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1350	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	35	kJ/m ²
Izod Impact Strength, notched (-20 °C)	ISO 180/1A	8	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	80	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

