



## Hifax HSBM CB 1157 BLACK

### Compounded Polyolefin

#### Product Description

Hifax HSBM CB 1157 BLACK is a 12% talc filled PP copolymer, with medium melt flow, high impact/stiffness balance, good UV resistance and good surface appearance. This grade is delivered in BLACK color version.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact/stiffness balance, UV resistance, surface appearance.
Typical Customer Applications	Used for any outdoor/exterior application and large complex parts demanding high impact strength as well as good stiffness.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Density (23 °C)	ISO 1183-1/A	1.0	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1200	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	50	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-20 °C)	ISO 180/1A	10	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	85	°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 affect the quality of this product
- Keep material completely dry for good processing.

