



## Hifax HSBM CB 1158 A BLACK

Compounded Polyolefin

IMDS Number: 19524188

### Product Description

Hifax HSBM CB 1158 A BLACK is a 12% talc filled PP copolymer, with high impact resistance.

Product is available in black color, pellet form.

*This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.*

### Product Characteristics

<b>Status</b>	Commercial	
<b>Availability</b>	Europe	(1)
<b>Processing Method</b>	Injection molding	
<b>Features</b>	Impact resistance, stiffness.	
<b>Typical Customer Applications</b>	Used for applications 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	15	g/10 min
Density (23 °C)	ISO 1183-1/A	0.98	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	1450	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	48	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	3.5	kJ/m <sup>2</sup>
Izod Impact strength, notched (23 °C)	ISO 180/1A	45	kJ/m <sup>2</sup>
Izod Impact strength, notched (-40 °C)	ISO 180/1A	5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	94	°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.

### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.