

## Technical Data Sheet

### Hifax CB 1160 G1 BLACK



Polypropylene Compounds

#### Product Description

Hifax CB 1160 G1 is a talc filled PP copolymer, with medium flowability, high impact resistance and good stiffness. 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.*

<b>Application</b>	Bumpers; Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Stiffness; High Impact Resistance; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	22	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	45	kJ/m <sup>2</sup>	ISO 180/1A
(-30 °C)	6.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	52	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2