

## Technical Data Sheet

### Hifax BC 72 G/1 1648



Polypropylene Compounds

#### Product Description

Hifax BC 72 G/1 1648 is a 12% talc filled PP copolymer, with good flowability, high stiffness, medium impact resistance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 1648 color version.

#### Regulatory Status

For regulatory compliance information, see Hifax BC 72 G/1 1648 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Stiffness; Low Density

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Density, (23 °C)	0.99	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1850	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	7	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	2.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	7	kJ/m <sup>2</sup>	ISO 180/1A
(-40 °C)	2.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2

#### Notes

These are typical property values not to be construed as specification limits.