

# Hifax BC 72 G/1 1648

Polypropylene Copolymer

LyondellBasell Industries

## Message:

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.

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.

General Information			
Filler / Reinforcement	Talc filler, 12% filler by weight		
Features	Good dimensional stability		
	Low density		
	Rigidity, high		
	Rigid, good		
	Good UV resistance		
	Good liquidity		
	Good flexibility		
	Medium impact resistance		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	23.0	MPa	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	2.0	kJ/m²	ISO 179/1eA
23°C	6.5	kJ/m²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	2.3	kJ/m²	ISO 180/1A
23°C	8.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B
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#### NOTE

1. 1.0 mm/min

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