

# Hifax BC 72 A/1

Polypropylene Copolymer

LyondellBasell Industries

## Message:

"Hifax" BC 72 A/1 is a mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with high stiffness/medium impact properties.

The grade has been specifically designed for moulding of large complex parts that requires good dimensional stability.

The grade is available in custom colour, pellet form.

Product contains no UV stabilisation package.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	High Flow		
	High Rigidity		
	Medium Impact Resistance		
Uses	Automotive Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm <sup>3</sup>	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)	20.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.5	kJ/m <sup>2</sup>	
23°C	7.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	58.0	°C	ISO 75-2/A

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