

# Hifax BC 72 G 1

Polypropylene Copolymer

LyondellBasell Industries

## Message:

"Hifax" BC 72 G 1 is a UV stabilised, 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.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Dimensional Stability High Flow High Rigidity Medium Impact Resistance		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.3	kJ/m <sup>2</sup>	
23°C	8.0	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

