

Hifax BC 72 G

Polypropylene Copolymer
LyondellBasell Industries

Message:

"Hifax" BC 72 G is a high melt flow, 10% mineral filled, UV stabilised, polypropylene copolymer. The product exhibits high stiffness. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good UV Resistance		
	High Flow		
	High Stiffness		
	Medium Impact Resistance		
Uses	Outdoor Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.5	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A

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