

Hifax HSBM CB 1159 G

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hifax" HSBM CB 1159 G is a high flow, 10% mineral filled high impact polypropylene copolymer suitable for injection moulding. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness. This product has good UV resistance and good aesthetics and is designed for outdoor application. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
	Non-Toxic		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	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
Flexural Modulus	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	3.8	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	94.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	46.0	°C	ISO 75-2/A
Vicat Softening Temperature	51.0	°C	ISO 306/B50

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