

Hifax HSBM CB 1151 G

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hifax" HSBM CB 1151 G is a medium 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. It features excellent paint adhesion, low thermal expansion and a high UV stabilization.

This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Impact Resistance		
	Impact Copolymer		
	Medium Flow		
	Non-Toxic		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
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)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	7.0	kJ/m ²	
-20°C	8.0	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	46.0	°C	ISO 306/B50

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