

# Hifax HSBM CB 1157 BLACK

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hifax HSBM CB 1157 BLACK is a 12% talc filled PP copolymer, with medium melt flow, high impact/stiffness balance, good UV resistance and good surface appearance. This grade is delivered in BLACK color version.  
For regulatory compliance information, see Hifax HSBM CB 1157 BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).  
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 12% filler by weight		
Features	Rigidity, high		
	Copolymer		
	Impact resistance, high		
	Good UV resistance		
	Medium liquidity		
	Good appearance		
Uses	Outdoor application		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	1200	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-20°C	10	kJ/m <sup>2</sup>	ISO 180/1A
23°C	50	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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