

Hifax CB 1128 A/1 BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax CB 1128 A/1 BLACK is a less than 20% talc filled PP copolymer, with high impact resistance and excellent impact/stiffness balance. Product is available in black color, pellet form.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Rigid, good		
	Copolymer		
	Impact resistance, high		
	Workability, good		
	Sprayable		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	12.0	MPa	ISO 527-2
Tensile Strain (Break)	160	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1400	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	ISO 179/1eA
23°C	50	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	88.0	°C	ISO 75-2/B
Vicat Softening Temperature	120	°C	ISO 306/A
NOTE			
1.	1.0 mm/min		

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