

# Hifax CB 1128 A/1

Polypropylene Impact Copolymer  
LyondellBasell Industries

Message:

"Hifax" CB 1128 A/1 is a medium melt flow, 17% mineral filled, high impact polypropylene copolymer for injection moulding. It combines an excellent ductility and a good stiffness which makes it suitable for demanding impact absorbing applications. It is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,17% Filler by Weight		
Features	Ductile		
	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
	Medium Flow		
Uses	Automotive Bumper		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.0	kJ/m <sup>2</sup>	
-20°C	8.9	kJ/m <sup>2</sup>	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	120	°C	ISO 306/A50
CLTE - Flow (23 to 80°C)	6.0E-5	cm/cm/°C	Internal Method

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