

# Hifax CB 1128 A

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hifax" CB 1128 A is a medium melt flow, 20% 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,20% Filler by Weight		
Features	Ductile		
	Good Stiffness		
	Impact Copolymer		
	Medium Flow		
	Non-Toxic		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.0	MPa	ISO 527-2
Tensile Strain (Break)	80	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.3	kJ/m <sup>2</sup>	
-20°C	9.7	kJ/m <sup>2</sup>	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	81.0	°C	ISO 75-2/B
Vicat Softening Temperature			

--	115	°C	ISO 306/A50
--	41.0	°C	ISO 306/B50

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

