

# Hifax CA 1110 A2

Polypropylene Copolymer

LyondellBasell Industries

## Message:

"Hifax" CA 1110 A2 is a high melt flow, 10% mineral filled, non UV stabilised high impact polypropylene copolymer for painted applications. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness. This product has very good aesthetics and is designed for outdoor application. This grade is available in black, pellet form.

General Information			
Filler / Reinforcement	Mineral, 10% Filler by Weight		
Features	Copolymer		
	Good Stiffness		
	High Flow		
	High Impact Resistance		
	Non-Toxic		
	Paintable		
Uses	Pleasing Surface Appearance		
	Automotive Applications		
	Automotive Bumper		
	Outdoor Applications		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	4.7	kJ/m <sup>2</sup>	
-20°C	5.5	kJ/m <sup>2</sup>	
23°C	45	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	73.0	°C	ISO 75-2/B
Vicat Softening Temperature	118	°C	ISO 306/A50

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