

# Hifax CA 1110 G4

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

"Hifax" CA 1110 G4 is a high melt flow, 10% mineral filled, UV stabilised high impact polypropylene copolymer. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness. This product has good UV resistance, very good aesthetics and is designed for outdoor application. It is not recommended for painted applications as surface defects could appear after painting. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Stiffness		
	Good UV Resistance		
	High Flow		
	High Impact Resistance		
	Impact Copolymer		
	Non-Toxic		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
	Automotive Bumper		
	Outdoor Applications		
Appearance	Colors Available		
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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