



Hifax CA 1110 G4

Compounded Polyolefin

Product Description

"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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Pleasing Surface Appearance, Impact Copolymer, High Impact Resistance, Good Stiffness, Non Toxic, Good UV Resistance
Typical Customer Applications	Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.98 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	16 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	18 MPa
Flexural modulus	ISO 178	1150 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		45 kJ/m ²
(-20 °C, Type 1, Notch A)		5.5 kJ/m ²
(-30 °C, Type 1, Notch A)		4.7 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	73 °C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	118 °C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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