



Hifax CB 1160 G1

Compounded Polyolefin

Product Description

"Hifax" CB 1160 G1 is a medium flow, 10% mineral filled high impact polypropylene copolymer suitable for injection moulding. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness. This product is designed for outdoor applications such as bumpers. This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Pleasing Surface Appearance, Impact Copolymer, Medium Flow, High Impact Resistance, Good Stiffness, Non Toxic, Good UV Resistance
Typical Customer Applications	Exterior Applications, Bumpers, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.97 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	14 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	19 MPa
Flexural modulus	ISO 178	1400 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		46 kJ/m ²
(-30 °C, Type 1, Notch A)		6.5 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	52 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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