



Hifax HSBM CB 1158 A

Compounded Polyolefin

Product Description

"Hifax" HSBM CB 1158 A is a high 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 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
Processing Method	Injection Molding
Features	Impact Copolymer, High Flow , High Impact Resistance , Good Stiffness
Typical Customer Applications	Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.980 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15 g/10 min
Mechanical		
Flexural modulus	ISO 178	1450 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	No Break kJ/m ²
(-40 °C, Type 1, Notch A)		5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	94.0 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	46.0 °C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	51.0 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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