



Hifax HSBM CB 1159 G

Compounded Polyolefin

Product Description

"Hifax" HSBM CB 1159 G 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 product has good UV resistance and good aesthetics and is designed for outdoor application. This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Appearance, Pleasing Surface, Copolymer, Impact, Impact Resistance, High, Stiffness, Good, Toxicity, None
Typical Customer Applications	Automotive Parts

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.00	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16	g/10 min
Mechanical			
Flexural modulus	ISO 178	1500	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		No Break	kJ/m ²
(-40 °C, Type 1, Notch A)		3.80	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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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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