



Hifax CB 158 A

Compounded Polyolefin

Product Description

Hifax CB 158 A is a low melt flow, 20% filled, high impact polypropylene copolymer for injection moulding. It combines an excellent ductility and a good stiffness which makes it suitable for demanding impact absorbing applications. The product contains an antistatic package . It is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Antistatic, Impact Copolymer, Ductile, Low Flow , Good Stiffness , Non Toxic
Typical Customer Applications	Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.10 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	5.0 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	14 MPa
Tensile Strain at Break	ISO 527-1, -2	81 %
Flexural modulus	ISO 178	1200 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		No Break kJ/m ²
(-20 °C, Type 1, Notch A)		9.5 kJ/m ²
(-30 °C, Type 1, Notch A)		6.3 kJ/m ²
Hardness		
Shore hardness (Shore D)	ISO 868	62
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	81 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C
Vicat softening temperature	ISO 306	
(A50 (50°C/h 10N))		115 °C
(B50 (50°C/h 50N))		41 °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
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Users should review the applicable Material Safety Data Sheet before handling the product.

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