



Hifax CB 1128 G

Compounded Polyolefin

Product Description

"Hifax" CB 1128 G is a medium melt flow, 20% filled, UV stabilised, 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. It 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	Impact Copolymer, Ductile, Medium Flow, Good Stiffness , Non Toxic
Typical Customer Applications	Exterior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.05 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	7 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	15 MPa
Tensile Strain at Break	ISO 527-1, -2	81 %
Flexural modulus	ISO 178	1400 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		No Break kJ/m²
(-20 °C, Type 1, Notch A)		6.3 kJ/m²
(-30 °C, Type 1, Notch A)		5.5 kJ/m²
Hardness		
Shore hardness (Shore D)	ISO 868	62
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	92 °C
Vicat softening temperature	ISO 306	
(A50 (50°C/h 10N))		115 °C
(B50 (50°C/h 50N))		40 °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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