



Hifax BR 1149 A

Compounded Polyolefin

Product Description

"Hifax" BR 1149 A is a high melt flow, 30% mineral filled, high impact polypropylene grade. This grade is especially designed for injection moulding and combines a high flowability with a high stiffness and a good impact behaviour.

This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	High Flow , Good Impact Resistance , Good Stiffness , Non Toxic
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.15 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	22 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	14 MPa
Tensile Strain at Break	ISO 527-1, -2	5.0 %
Flexural modulus	ISO 178	2100 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C, Type 1, Notch A)		8.0 kJ/m ²
(0 °C, Type 1, Notch A)		5.0 kJ/m ²
(-20 °C, Type 1, Notch A)		3.7 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	91 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	45 °C
Vicat softening temperature	ISO 306	
(A50 (50°C/h 10N))		100 °C
(B50 (50°C/h 50N))		35 °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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