



Hifax BR1149AC

Compounded Polyolefin

Product Description

Hifax BR1149AC very high melt flow, 2,400 MPa flexural modulus, precolored, mineral-filled, low CLTE thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties. It was designed primarily for body side moldings that require good dimensional stability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , Paintable, High Stiffness
Typical Customer Applications	Exterior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.14 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	30 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	17 MPa
Tensile Strain at Yield	ISO 527-1, -2	8 %
Flexural modulus	ISO 178	2400 MPa
Impact		
Notched izod impact strength (23 °C)	ISO 180	30 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	101 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	61 °C
CLTE, Flow	ISO 11359-1, -2	4.0 x 10 ⁻⁵ cm/cm/°C
<i>Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.</i>		
Additional Information		
Mold shrinkage	ISO 294-4	
<i>Note: Please contact Basell for shrinkage recommendations.</i>		

Notes

Typical properties; not to be construed as specifications.

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

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