



Hifax CB247

Compounded Polyolefin

Product Description

Hifax CB247 medium high melt flow, 1,950 MPa flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It was designed for selected automotive interior and exterior components.

The Hifax CB247 product family also includes CB247G (UV-stabilized) and CB247G/1 (UV-stabilized; higher mold shrinkage version; see Note 2). Please discuss the application requirements with your Basell representative before selecting a specific grade.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Injection Molding
Features	High Flow , Good Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.03 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	14 g/10 min
Note: Alternative test method is ASTM D 1238-01.		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	21 MPa
Tensile Strain at Yield	ISO 527-1, -2	7 %
Flexural modulus	ISO 178	1950 MPa
Impact		
Notched izod impact strength (23 °C) (-40 °C)	ISO 180	23 kJ/m²
		2.5 kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	103 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C
CLTE, Flow	ISO 11359-1, -2	6.0 x 10-5 cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.		
Additional Information		
Mold shrinkage	ISO 294-4	
Note: Please contact Basell for shrinkage recommendations.		

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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- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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