



Hifax HSBMCB1158AC / 1

Compounded Polyolefin

Product Description

Hifax HSBMCB1158AC/1 high melt flow, 1,100 MPa flexural modulus, precolored, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of flow, rigidity, low temperature impact resistance, dimensional stability and paintability. It was designed for thin-walled bumper fascia applications that require high paint durability.

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 , Paintable, Good Stiffness , Durable
Typical Customer Applications	Bumpers, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.97 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	25 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	18 MPa
Tensile Strain at Yield	ISO 527-1, -2	8 %
Flexural modulus	ISO 178	1100 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		43 kJ/m ²
(-40 °C)		4.5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	84 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53 °C
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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- ┆ 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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