



Hifax CB252

Compounded Polyolefin

Product Description

Hifax CB252 medium high melt flow, 1,100 MPa flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has very well balanced processability, rigidity, impact resistance and paintability. It was designed primarily for automotive exterior ornamentation applications, but also has utility in certain interior trim components requiring high impact resistance.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.99 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	13 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	16 MPa
Tensile Strain at Yield	ISO 527-1, -2	10 %
Flexural modulus	ISO 178	1100 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		39 kJ/m ²
(-40 °C)		3.7 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	82 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	47 °C
CLTE, Flow	ISO 11359-1, -2	5.0 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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Users should review the applicable Material Safety Data Sheet before handling the product.

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