



Hifax CB228

Compounded Polyolefin

Product Description

Hifax CB228 medium melt flow, 1,300 MPa flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness and dynamic impact characteristics. It was designed primarily for automotive exterior ornamentation applications.

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	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	8 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	20 MPa
Tensile Strain at Yield	ISO 527-1, -2	10 %
Flexural modulus	ISO 178	1300 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		37 kJ/m ²
(-40 °C)		3.5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	83 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	46 °C
CLTE, Flow	ISO 11359-1, -2	6.2 x 10 ⁻⁵ cm/cm/°C
<i>Note:</i> 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	
<i>Note:</i> 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.
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