



Hostacom DB273A

Compounded Polyolefin

Product Description

Hostacom DB273A high melt flow, 2,200 MPa flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for a wide variety of automotive interior trim components.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , High Rigidity
Typical Customer Applications	Automotive Parts, Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.03	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	24	MPa
Tensile Strain at Yield	ISO 527-1, -2	5	%
Flexural modulus	ISO 178	2200	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		33	kJ/m ²
(-30 °C)		3.9	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	118	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	68	°C
CLTE, Flow	ISO 11359-1, -2	6.2 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 Properties

Note: Mold shrinkage values are determined on laboratory injection molded 100 mm x 150 mm x 3.2 mm plaques and, as such, are not necessarily representative of actual field data. Since, for example, wall thickness, gate type and location, flow length and paint oven temperature affect final part dimensions, it is recommended that you contact your Basell representative before any tools are cut.

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
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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