



Hostacom RTA3184

Compounded Polyolefin

Product Description

Hostacom RTA3184 medium melt flow, 1,300 MPa flexural modulus, low level glass-reinforced, colorable, interior trim grade thermoplastic elastomeric olefin (TEO) resin is modified to provide balanced rigidity, dimensional stability and processability. It was designed for a variety of molded-in color automotive interior trim components.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Dimensional Stability, Medium Flow, Good Moldability , Medium Rigidity , Good Colorability
Typical Customer Applications	Interior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.93 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	8 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	23 MPa
Tensile Strain at Yield	ISO 527-1, -2	8 %
Flexural modulus	ISO 178	1300 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		11 kJ/m ²
(-40 °C)		2.5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	92 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	61 °C
CLTE, Flow	ISO 11359-1, -2	8.0 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 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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- ┆ 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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Release Date: 29 May 2007