



Hostacom ETA5081

Compounded Polyolefin

Product Description

Hostacom ETA5081 low melt flow, 490 MPa flexural modulus, blow molding grade thermoplastic elastomeric olefin (TEO) resin combines good processability with balanced strength, toughness and flexibility. It was designed for various under-the-hood applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Extrusion Blow Molding
Features	Ductile, Good Flexibility, Low Flow , High Impact Resistance , Good Processability
Typical Customer Applications	Blow Moulding Applications, Under-the-Hood & Structural Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.90 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	1 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	15 %
Flexural modulus	ISO 178	490 MPa
Impact		
Notched izod impact strength (23 °C)	ISO 180	60 kJ/m ²
Thermal		
CLTE, Flow	ISO 11359-1, -2	10 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.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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