



Hostacom EPKC10ZC

Compounded Polyolefin

Product Description

Hostacom EPKC10ZC medium high melt flow, 2,500 MPa flexural modulus, UV-stabilized, precolored, mineral-filled polypropylene copolymer has a good balance of stiffness, impact resistance, weatherability and processability. It was designed primarily for automotive exterior applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Copolymer, Medium Flow, Good Impact Resistance , Good Processability, High Rigidity , Good Stiffness , Good Surface Finish, Good UV Resistance, Good Weather Resistance
Typical Customer Applications	Interior Applications, Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.11 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	11 g/10 min
Note: Alternative test method is ASTM D 1238-01.		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	24 MPa
Tensile Strain at Yield	ISO 527-1, -2	4 %
Flexural modulus	ISO 178	2500 MPa
Impact		
Notched izod impact strength	ISO 180	
(-40 °C)		1.8 kJ/m ²
(-30 °C)		1.9 kJ/m ²
(10 °C)		3.1 kJ/m ²
(23 °C)		4.0 kJ/m ²
Hardness		
Shore hardness (Shore D (15 sec))	ISO 868	67
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	113 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60 °C

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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- 1 Equistar Chemicals, LP
- 1 Basell Sales & Marketing Company B.V.
- 1 Basell Asia Pacific Limited
- 1 Basell International Trading FZE
- 1 LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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