



Hostacom BA16G

Compounded Polyolefin

Product Description

Hostacom BA16G fractional melt flow, 1,000 MPa flexural modulus, UV-stabilized, extrusion grade polypropylene copolymer has a good balance of flexibility, impact resistance, colorability and processability. It was designed for extruded components that require long periods of outdoor service.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Extrusion Pipe Sheet and Semi Finished Products
Features	Copolymer, Good Flexibility, Low Flow, High Impact Resistance, Good Processability, Good UV Resistance, Good Colorability, Good Weather Resistance
Typical Customer Applications	Panels & Profiles, Soft Profile & Sheets

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity	ASTM D 792	0.89 g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	0.5 g/10 min
Mechanical		
Tensile Strength @ Yield	ASTM D 638	28 MPa
Flexural Modulus	ASTM D 790	1000 MPa
Tensile Elongation @ Yld	ASTM D 638	12 %
Tensile Elongation @ Brk	ASTM D 638	600 %
Impact		
Notched izod impact (23 °C)	ASTM D 256	530 J/m
Gardner Impact	ASTM D 5420	36 J
<i>Note: At 23°C.</i>		
Hardness		
Rockwell Hardness (R-Scale)	ASTM D 785	71
Thermal		
DTUL @66psi - Unannealed	ASTM D 648	73 °C
DTUL @264psi - Unannealed	ASTM D 648	48 °C
Additional Information		
Mold shrink, Linear-Flow	ASTM D 955	1.4 %
<i>Note: After 48 hrs at 23°C (Tool).</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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