

Basell - Hostacom AE716BC - Compounded Polyolefin



Hostacom AE716BC

Compounded Polyolefin

Product Description

Hostacom AE716BC conventional melt flow, 1,400 MPa flexural modulus, UV-stabilized, 40% calcium carbonate-filled polypropylene homopolymer has a good balance of properties and processing. It was designed to meet UL 746B (F1) requirements for outdoor applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Injection Moulding
Features	Chemical Resistance, Good, Homopolymer, Stiffness, Good, Surface Finish, Good, UV Resistance, Good
Typical Customer Applications	Hair Dryers, Shavers and Steam Irons, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.24	g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Tensile Strength @ Yield	ASTM D 638	17	MPa
Flexural Modulus	ASTM D 790	1400	MPa
Tensile Elongation @ Yld	ASTM D 638	25	%
Impact			
Notched izod impact (23 °C)	ASTM D 256	160	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	87	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	104	°C

Notes

Typical properties; not to be construed as specifications.

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Release Date: 02 Feb 2004