



Hostacom 65F5-2

Compounded Polyolefin

Product Description

Hostacom 65F5-2 conventional melt flow, 1,500 MPa flexural modulus, 20% calcium carbonate-filled polypropylene homopolymer is designed for high stiffness, excellent chemical resistance and improved surface quality of molded parts.

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
Typical Customer Applications	Appliances, Housewares, Automotive Parts

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.04	g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Tensile Strength @ Yield	ASTM D 638	30	MPa
Tensile Strength @ Break	ASTM D 638	13	MPa
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Elongation @ Yld	ASTM D 638	7	%
Tensile Elongation @ Brk	ASTM D 638	80	%
Impact			
Notched izod impact (23 °C)	ASTM D 256	37	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	89	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	96	°C
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955	1.3	%
Note: After 48 hrs at 23°C (Tool).			

Notes

Typical properties; not to be construed as specifications.

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.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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