



## Hostacom 65F5-4

### Compounded Polyolefin

#### Product Description

Hostacom 65F5-4 conventional melt flow, 2,200 MPa flexural modulus, 40% calcium carbonate-filled polypropylene homopolymer is designed for high stiffness, excellent chemical resistance and improved surface quality of molded parts.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Chemical Resistance, Homopolymer, Good Stiffness , Good Surface Finish
<b>Typical Customer Applications</b>	Appliances, Automotive Parts, Housewares

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	1.23	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	2200	MPa
Tensile Strength @ Yield	ASTM D 638	25	MPa
Tensile Strength @ Break	ASTM D 638	16	MPa
Tensile Elongation @ Yield	ASTM D 638	4	%
Tensile Elongation @ Brk	ASTM D 638	50	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	27	J/m
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	ASTM D 785	95	
<b>Thermal</b>			
DTUL @66psi - Unannealed	ASTM D 648	104	°C
<b>Additional Information</b>			
Mold shrink, Linear-Flow	ASTM D 955	1.0	%
<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.