



## Hostacom 65F4-2

### Compounded Polyolefin

#### Product Description

Hostacom 65F4-2 conventional melt flow, 1,900 MPa flexural modulus, 20% talc-filled polypropylene homopolymer is designed for balanced stiffness, impact resistance, dimensional stability, colorability and heat aging performance.

#### 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 Colorability, Good Dimensional Stability, Good Heat Aging Resistance, High Heat Resistance, Homopolymer, Good Impact Resistance, Good Stiffness
<b>Typical Customer Applications</b>	Appliances, Automotive Parts, Hair Dryers, Shavers and Steam Irons, Housewares

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density - Specific Gravity	ASTM D 792	1.05	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	1900	MPa
Tensile Strength @ Yield	ASTM D 638	31	MPa
Tensile Strength @ Break	ASTM D 638	29	MPa
Tensile Elongation @ Yield	ASTM D 638	4	%
Tensile Elongation @ Brk	ASTM D 638	70	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	37	J/m
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	ASTM D 785	84	
<b>Thermal</b>			
DTUL @66psi - Unannealed	ASTM D 648	109	°C
<b>Additional Information</b>			
Mold shrink, Linear-Flow	ASTM D 955	1.2	%
<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.