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

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

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.23	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
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	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	27	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	95	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	104	°C
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955	1.0	%
Note: After 48 hrs at 23°C (Tool).			

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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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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