# *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

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|---|---|
| **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.