

## 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

|                               |                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                        | Commercial: Active                                                                                                                                      |
| Test Method used              | ASTM                                                                                                                                                    |
| Processing Methods            | Injection Molding                                                                                                                                       |
| Features                      | Good Colorability, Good Dimensional Stability, Good Heat Aging Resistance , High Heat Resistance , Homopolymer, Good Impact Resistance , Good Stiffness |
| Typical Customer Applications | 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   | %                 |
| Note: After 48 hrs at 23°C (Tool). |             |       |                   |

