



## Hostacom GP622

### Compounded Polyolefin

#### Product Description

Hostacom GP622 high melt flow, 2,900 MPa flexural modulus, 20% talc-filled polypropylene homopolymer was designed primarily for high stiffness and excellent processability in thin-walled parts. Typical applications include automotive instrument panel ductwork and non-visible console components.

#### Product Characteristics

|                                      |                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                              |
| <b>Test Method used</b>              | ISO                                                                             |
| <b>Availability</b>                  | North America                                                                   |
| <b>Processing Method</b>             | Injection Molding                                                               |
| <b>Features</b>                      | High Flow , Homopolymer, Good Moldability , High Rigidity , Good Surface Finish |
| <b>Typical Customer Applications</b> | Interior Applications, Automotive Parts                                         |

| Typical Properties                                      | Method        | Value Unit             |
|---------------------------------------------------------|---------------|------------------------|
| <b>Physical</b>                                         |               |                        |
| Density                                                 | ISO 1183      | 1.07 g/cm <sup>3</sup> |
| Melt flow rate (MFR) (230°C/2.16Kg)                     | ISO 1133      | 22 g/10 min            |
| <i>Note: Alternative test method is ASTM D 1238-01.</i> |               |                        |
| <b>Mechanical</b>                                       |               |                        |
| Tensile Stress at Yield                                 | ISO 527-1, -2 | 35 MPa                 |
| Tensile Strain at Yield                                 | ISO 527-1, -2 | 4 %                    |
| Flexural modulus                                        | ISO 178       | 2900 MPa               |
| <b>Thermal</b>                                          |               |                        |
| Heat deflection temperature B (0.45 MPa) Unannealed     | ISO 75B-1, -2 | 126 °C                 |
| Heat deflection temperature A (1.80 MPa) Unannealed     | ISO 75A-1, -2 | 72 °C                  |

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

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Release Date: 29 May 2007