



## Hostacom GP621-2

### Compounded Polyolefin

#### Product Description

Hostacom GP621-2 medium melt flow, 3,000 MPa flexural modulus, 20% talc-filled polypropylene homopolymer is designed for high stiffness and good colorability.

#### Product Characteristics

**Test Method used** ISO

**Processing Methods** Injection Molding

**Features** Good Colorability, Good Processability, High Rigidity

| Typical Properties                                  | Method        | Value | Unit              |
|-----------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                     |               |       |                   |
| Melt Flow Rate (230°C/2.16kg)                       | ASTM D 1238   | 10    | g/10 min          |
| Density (Method A)                                  | ISO 1183      | 1.05  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                                   |               |       |                   |
| Tensile Stress at Yield (23 °C)                     | ISO 527-1, -2 | 36    | MPa               |
| Tensile Strain at Yield (23 °C)                     | ISO 527-1, -2 | 6     | %                 |
| Flexural modulus (23 °C)                            | ISO 178       | 3000  | MPa               |
| <b>Impact</b>                                       |               |       |                   |
| Notched izod impact strength (23 °C)                | ISO 180       | 4.2   | kJ/m <sup>2</sup> |
| <b>Thermal</b>                                      |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 130   | °C                |
| Heat deflection temperature A (1.80 MPa) Unannealed | ISO 75A-1, -2 | 70    | °C                |
| <b>Additional Information</b>                       |               |       |                   |
| Mold shrinkage                                      | ISO 294-4     |       |                   |