

## Technical Data Sheet

### Hostacom G2 U02



Polypropylene Compounds

#### Product Description

Hostacom G2 U02 is a 20% glass fiber reinforced PP homopolymer, with high flowability, high stiffness and low creep under load at elevated temperatures. This grade is delivered in natural color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

|                   |                   |
|-------------------|-------------------|
| Application       | Automotive Parts  |
| Market            | Automotive        |
| Processing Method | Injection Molding |

| Typical Properties                                        | Nominal Value | Units                   | Test Method   |
|-----------------------------------------------------------|---------------|-------------------------|---------------|
| <b>Physical</b>                                           |               |                         |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 14            | g/10 min                | ISO 1133-1    |
| Melt Volume Flow Rate, (230 °C/2.16 kg)                   | 17            | cm <sup>3</sup> /10 min | ISO 1133-1    |
| Density, (23 °C)                                          | 1.05          | g/cm <sup>3</sup>       | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                         |               |
| Tensile Modulus, (23 °C)                                  | 4800          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Break, (23 °C)                          | 75            | MPa                     | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)                          | 3             | %                       | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                         |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 8             | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C)               | 40            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| <b>Thermal</b>                                            |               |                         |               |
| Vicat Softening Temperature, (B50)                        | 130           | °C                      | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 138           | °C                      | ISO 75A-1, -2 |