



## Hostacom G2 U02 102297

### Compounded Polyolefin

#### Product Description

Hostacom G2 U02 102297 is a 20% glass fiber reinforced PP homopolymer, with high flowability, high stiffness and low creep under load at elevated temperatures. Product is available as a customized color matched, pellet form. This grade is delivered in 102297 color version.

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

#### Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Flowability, stiffness.	
Typical Customer Applications	Used for injection moulding general purpose.	

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	14	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	17	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	4600	MPa
Tensile Stress at Break (23 °C)	ISO 527-1, -2	70	MPa
Tens.Strain at Break	ISO 527-1, -2	4	%
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	40	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	7	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	125	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	130	°C

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.