



## Hostacom G3 U01 R NAT

### Compounded Polyolefin

#### Product Description

Hostacom G3 U01 R NAT is a 30% glass fiber reinforced PP homopolymer, with good flowability and high rigidity. The product is also available as natural, pellet form. Please contact Basell for shrinkage recommendations. Dry material before processing.

*This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.*

#### Product Characteristics

<b>Status</b>	Under Industrialization	
<b>Availability</b>	Europe	(1)
<b>Processing Method</b>	Injection molding	
<b>Features</b>	Flowability, rigidity.	
<b>Typical Customer Applications</b>	Used for structural parts.	

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	15	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	6800	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	95	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	2.8	%
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	45	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-20 °C)	ISO 179-1/1eA	7.5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	8	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	135	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	145	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	155	°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 affect 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.