



## Hostacom G3 N01 L

### Compounded Polyolefin

#### Product Description

Hostacom G3 N01 L is a 30% glass fiber reinforced PP homopolymer, with low melt flow, high stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low creep under load at elevated temperatures. Product is UL Listed. This grade is delivered in natural color version.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Stiffness, CLTE (Coefficient of Linear Thermal Expansion) and creep under load at elevated temperatures.
Typical Customer Applications	Used for general purpose applications.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	5	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	5	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.15	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	6500	MPa
Tens.Strain at Break	ISO 527-1, -2	3	%
<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	9	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	130	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	140	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	155	°C
<b>Other</b>			
Flame Class (1.5 mm)	UL 94	HB	-
Flame Class (3.0 mm)	UL 94	HB	-

#### 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.

