

# CAMPUS® Datasheet

Hostacom G3 N01 102297 - PP-GF30

LyondellBasell



## Product Texts

Hostacom

G3 N01 102297 is a 30% glass fiber reinforced PP homopolymer, with low flowability, high stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low creep under load at elevated temperatures. The product is available in black color, pellet form.

<b>Rheological properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt volume-flow rate, MVR	5.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	5	kg	ISO 1133
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile modulus	6300	MPa	ISO 527-1/-2
Yield stress	88	MPa	ISO 527-1/-2
Yield strain	3.2	%	ISO 527-1/-2
Charpy impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	7.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Temp. of deflection under load, 1.80 MPa	143	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	135	°C	ISO 306
Burning behavior at 1.5 mm nominal thickness	HB	class	IEC 60695-11-10
Thickness tested (1.5)	1.5	mm	IEC 60695-11-10
Burning behavior at thickness h	HB	class	IEC 60695-11-10
Thickness tested (h)	2.0	mm	IEC 60695-11-10
<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1130	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe

### Delivery form

Granules

### 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

### Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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If there are questions to given information, to further properties or further LyondellBasell products please contact

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