

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.

Rheological properties	Value	Unit	Test Standard
Melt volume-flow rate, MVR	5.5	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	5	kg	ISO 1133
Mechanical properties	Value	Unit	Test Standard
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 ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7.5	kJ/m ²	ISO 179/1eA
Thermal properties	Value	Unit	Test Standard
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
Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	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 affect 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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