



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

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

Typical Properties	Method	Value	Unit
Physical			
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 ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
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	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	45	kJ/m ²
Charpy Impact Strength, notched (-20 °C)	ISO 179-1/1eA	7.5	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	8	kJ/m ²
Thermal			
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 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.

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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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