



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.