Technical Data Sheet

Hostacom G3 N01 102297

Polypropylene Compounds

Product Description

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.

Status	Commercial: Active
Availability	Europe; North America
Application	Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness; Low Creep Under Load at Elevated Temperatures; Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	5	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6300	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	88	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3.2	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	45	kJ/m²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	140	°C	ISO 75B-1, -2

Manufacturer website: https://www.lyondellbasell.com/en/

Company Information

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

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