

Hostacom G2 N01 102297

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom G2 N01 102297 is a 20% milled glass fiber reinforced PP homopolymer without chemical coupling, with low flowability. The product is available in black color, pellet form. This grade is delivered in 102297 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Glass fiber with embossing, 20% filler by weight		
Features	Rigid, good		
	Chemical coupling		
	Homopolymer		
	Low liquidity		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	8.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	9.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3300	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	25	kJ/m ²	ISO 179/1eU
23°C	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	120	°C	ISO 75-2/B
1.8 MPa, not annealed	80.0	°C	ISO 75-2/A

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