

Hostacom G2 N02

Polypropylene Homopolymer
LyondellBasell Industries

Message:

"Hostacom" G2 N02 is a 20% glass fiber reinforced PP homopolymer (coupled). It is a general pupose product for injection molding. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Good Thermal Aging Resistance		
	High Stiffness		
	High Strength		
	Homopolymer		
	Low Flow		
	Weldable		
Uses	Appliance Components		
	Automotive Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	6.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	4500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	72.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	3.5	%	ISO 527-2/50
Flexural Modulus - Secant ¹ (23°C)	3800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Complete Break)	8.0	kJ/m²	ISO 179/A
Charpy Unnotched Impact Strength (23°C)	40	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	115	°C	ISO 75-2/A
NOTE			
1.	0.050 mm/min		

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