

Hostacom G2 N01

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" G2 N01 is a 20% milled glass filled PP homopolymer (without coupling) with low flow, good stiffness. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Milled Glass Fiber,20% Filler by Weight		
Features	Good Stiffness		
	Homopolymer		
	Low Flow		
Uses	Automotive Under the Hood		
	Structural Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	7.5	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	9.00	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	68.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	3300	MPa	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2/50
Flexural Modulus - Secant	3000	MPa	ISO 178
Flexural Stress (3.5% Strain)	42.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.0	kJ/m ²	
0°C	2.5	kJ/m ²	
23°C	4.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	20	kJ/m ²	
0°C	25	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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