

Hostacom G2 N02 103256

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom G2 N02 103256 (not specified black) is a 20% glass coupled PP homopolymer with low flow and medium stiffness. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Chemically Coupled		
	Good Stiffness		
	Good Thermal Aging Resistance		
	Homopolymer		
	Low Flow		
Uses	Automotive Applications		
	Industrial Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5000	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	75.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.5	%	ISO 527-2/50
Flexural Modulus (23°C)	4100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C, Hinged Break	7.0	kJ/m ²	
23°C, Hinged Break	9.0	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306/B50

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