

Hostacom G2 U02 102297

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" G2 U02 102297 (not specified black) is a 20% glass fiber coupled PP homopolymer with high flow, high stiffness, low creep under load at elevated temperatures. 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 Creep Resistance		
	Good Thermal Aging Resistance		
	High Flow		
	High Heat Resistance		
	High Stiffness		
	Homopolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Structural Parts		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	17.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.25 to 0.95	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness	104	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	4600	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2
Yield	72.0	MPa	
Break	75.0	MPa	
Tensile Strain (Break)	3.4	%	ISO 527-2
Flexural Modulus - Secant ¹ (23°C)	4000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Hinged Break)	7.0	kJ/m ²	ISO 179/1eA

Charpy Unnotched Impact Strength (23°C, Hinged Break)	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	155	°C	ISO 75-2/B
1.8 MPa, Unannealed	133	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306/B50
NOTE			
1.	1.0 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT