

Hostacom G3 N01 L303613

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom G3 N01 L303613 is a glass fiber reinforced PP homopolymer, with low melt flow rate. Product is UL listed.

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

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Homopolymer		
	Low liquidity		
Uses	Electrical appliances		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	1.00	cm³/10min	ISO 1133
230°C/5.0 kg	5.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	85.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	5500	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	155	°C	ISO 75-2/B
1.8 MPa, not annealed	140	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306/B
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.5 mm	HB	UL 94	
3.0 mm	HB	UL 94	
NOTE			
1.	1.0 mm/min		

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