

Hostacom G3 N13 250100

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom G3 N13 250100 is a glass fiber reinforced PP copolymer, 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	Copolymer		
	Low liquidity		
Uses	Electrical appliances		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.11	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	11.5	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5800	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	82.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus ¹ (23°C)	5200	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	10	kJ/m ²	ISO 179/1eA
23°C	13	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	50	kJ/m ²	ISO 179/1eU
23°C	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	150	°C	ISO 75-2/B
1.8 MPa, not annealed	130	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
NOTE			
1.	1.0 mm/min		

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