

Hostacom HBC 327L NAT

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom HBC 327L NAT is a 30% talc filled PP homopolymer, with low melt flow rate and good impact resistance. Product is UL listed. Product is available as natural, pellet form.

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

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	Homopolymer		
	Impact resistance, good		
	Low liquidity		
Uses	Large household appliances and small household appliances		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	8.5	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	9.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3400	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	33.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	5.0	%	ISO 527-2
Flexural Modulus ¹ (23°C)	3800	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	2.2	kJ/m ²	ISO 179/1eA
23°C	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	18	kJ/m ²	ISO 179/1eU
23°C	33	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°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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