

Hostacom HBC 327L NAT

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Low melt flow rate, impact resistance.
Typical Customer Applications	Used for structural parts of white goods.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	8.5	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	9	cm ³ /10 min
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	3800	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	3400	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5	%
Impact			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	18	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	2.2	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3,5	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	33	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	92	°C
Other			
Flame Class (3.0 mm)	UL 94	HB	-
Flame Class (1.5 mm)	UL 94	HB	-

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

