



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	
Availability	Europe	(1)
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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

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This product(s) may not be used in:

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(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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