

Hostacom HBC 309

Compounded Polyolefin

Product Description

Hostacom HBC 309 is a mineral filled PP homopolymer, with medium melt flow rate. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Medium melt flow rate.
Typical Customer Applications	Used for appliances.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	13.9	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	13.3	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.22	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	4100	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	32	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	26	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	90	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	70	°C

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.

