

Hostacom HBC 489R W92607

Compounded Polyolefin

Product Description

Hostacom HBC 489R W92607 is a 30% talc filled PP homopolymer, with low flowability and medium rigidity. The product is available in different color matched, pellet form. Product is UL Listed. This grade is delivered in W92607 color version.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, rigidity.
Typical Customer Applications	Used for white goods.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	10	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	11	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	3400	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	3500	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	35	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	17	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	2.0	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	95	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	68	°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.

