



Hostacom HBC 386L G81523

Compounded Polyolefin

Product Description

Hostacom HBC 386L G81523 is a 40% talc filled PP homopolymer, with low flowability, high stiffness and good LTHS (long term heat stability). Suitable for visible parts without long term steam, hot water and detergent exposure. Product is UL listed. Please contact Basell for shrinkage recommendations. The product is available as a customized color matched, pellet form. This grade is delivered in G81523 color version.

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	Flowability, stiffness, LTHS (long term heat stability).

Typical Customer Applications Used for washing machine parts and for structural parts.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	10	g/10 min
Density (23 °C)	ISO 1183-1/A	1.22	g/cm ³
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	10	cm ³ /10 min
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	4300	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	31	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	4000	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	3.5	%
Impact			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	15	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	25	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	74	°C
Vicat Softening Temperature B (50 N)	ISO 306	95	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	122	°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 affect the quality of this product
- Keep material completely dry for good processing.

