

# Hostacom HBC 386L G81523

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

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.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Rigidity, high		
	Homopolymer		
	Good heat aging resistance		
	Low liquidity		
Uses	Large household appliances and small household appliances		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4000	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	31.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	3.5	%	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	4300	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	15	kJ/m <sup>2</sup>	ISO 179/1eU
23°C	25	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	122	°C	ISO 75-2/B
1.8 MPa, not annealed	74.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B
NOTE			

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#### Recommended distributors for this material

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