



Hostacom HBG H02 BLACK

Compounded Polyolefin

Product Description

Hostacom HBG H02 BLACK is a 20% glass fiber reinforced PP homopolymer, with very low melt flow, low creep under load at elevated temperatures, excellent hot water resistance and high dimensional stability. Please contact Basell for shrinkage recommendations. This grade is delivered in BLACK color version. Dry material before processing.

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	Melt flow, creep under load at elevated temperatures.
Typical Customer Applications	Used for automotive under-the-hood.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	0.87	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	0.6	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.04	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	4500	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	65	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	45	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	12	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	120	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	112	°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.

