



Hostacom HBG 184N BLACK

Compounded Polyolefin

IMDS Number:

19803050

Product Description

Hostacom HBG 184N BLACK is a 30% glass fiber reinforced PP homopolymer, with medium melt flow, outstanding stiffness, low CLTE (Coefficient of Linear Thermal Expansion), low emissions and low creep under load at elevated temperatures. This grade is delivered in BLACK 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 Stiffness, CLTE (Coefficient of Linear Thermal Expansion), low odour, flowability, low emissions.

Typical Customer Applications Suitable for automotive instrument panel.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	80	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	6000	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	45	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	140	°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.

