

## Technical Data Sheet

### Hostacom HBG 2136Z Black



Polypropylene Compounds

#### Product Description

Hostacom HBG 2136Z Black is a glass fiber reinforced PP homopolymer, with excellent stiffness, good dimensional stability and low creep under load at elevated temperatures. The product is available in black color, pellet form.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Structural Parts
<b>Market</b>	Industrial, Building & Construction
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Stiffness; Good Dimensional Stability; Low Creep Under Load at Elevated Temperatures

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	7450	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	140	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	7000	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	98	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	4	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	11	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	160	°C	ISO 75B-1, -2

#### Notes

These are typical property values not to be construed as specification limits.