

# Hostacom AJ 1165 E BLACK

## Compounded Polyolefin

### Product Description

Hostacom AJ 1165 E BLACK is a 30 % chemically coupled, glass fiber reinforced PP copolymer, with medium melt flow rate, high rigidity, good impact resistance and excellent impact/stiffness balance. The product is available in black color, pellet form.

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

### Product Characteristics

<b>Status</b>	Commercial
<b>Processing Method</b>	Injection molding
<b>Features</b>	Flowability, impact/stiffness balance.
<b>Typical Customer Applications</b>	Used for automotive under-the-hood and structural parts.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	5	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	97	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	7400	MPa
Flexural Strength (23 °C) Tech. A	ISO 178/A1	135	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	10	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	8	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	130	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	150	°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.

