



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

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

Typical Properties	Method	Value	Unit
Physical			
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 ³
Mechanical			
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
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	10	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	8	kJ/m ²
Thermal			
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.

