

Hostacom ERG 320N BLACK

Compounded Polyolefin

IMDS Number: 23542184

Product Description

Hostacom ERG 320N BLACK is a 30% glass fiber reinforced PP copolymer, with high melt flow rate and high stiffness. 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	High melt flow rate, stiffness.
Typical Customer Applications	Used for automotive under-the-hood.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	18	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	19	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	6600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	85	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	40	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	40	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	10.5	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	125	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	150	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	160	°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.

