

Hostacom ERG 393F BLACK

Compounded Polyolefin

Product Description

Hostacom ERG 393F BLACK is a 20% glass fiber reinforced PP copolymer, with good stiffness and good impact resistance. Material provides high melt strength, good melt elongational behavior and is tailor-made for foam injection molding. 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	Surface appearance, stiffness, impact resistance. Allow a continuous service at high temperature.
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	22	g/10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm ³
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	20	cm ³ /10 min
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	4500	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	3	%
Tensile Strength (23 °C)	ISO 527-1, -2	68	MPa
Tensile Stress at Break (23 °C)	ISO 527-1, -2	3.5	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	13	kJ/m ²

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.

