

Technical Data Sheet

Hostacom ERG 393F BLACK



Polypropylene Compounds

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. This product is also available in other colors, new colors can be developed depending on customer requirements.

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

Application	Automotive Parts; Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Foamable; Good Impact Resistance; Good Surface Finish

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	26	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	70	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	13	kJ/m ²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2