

Salflex 635GC

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 635GC is a polypropylene copolymer (PP Copoly) product, which contains 15% glass fiber reinforced materials and 20% mineral fillers. It can be processed by blow molding or extrusion and is available in North America. The application fields of Salflex 635GC include electrical appliances, industrial applications and automobile industry.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
	Mineral filler, 20% filler by weight		
Uses	Industrial application		
	Home appliance components		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.1	g/10 min	ISO 1133
Molding Shrinkage	0.40	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5130	MPa	ISO 527-2
Tensile Stress (Yield)	45.0	MPa	ISO 527-2
Flexural Modulus	4230	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	9.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Additional Information			
Ash Content, ISO 3451/1A: 35%			
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 4.0	hr	
Cylinder Zone 1 Temp.	190 - 225	°C	
Cylinder Zone 2 Temp.	190 - 230	°C	

Cylinder Zone 3 Temp.	190 - 235	°C
Cylinder Zone 4 Temp.	190 - 235	°C
Melt Temperature	200 - 235	°C
Die Temperature	190 - 235	°C

Extrusion instructions

Blow Molding Mold Temperature: 50 to 70°C

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Recommended distributors for this material

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