

Salflex 635MGI

Polypropylene
Salflex Polymers Ltd.

Message:

Salflex 635MGI is a polypropylene product that contains 15% glass fiber reinforced materials and 20% mineral fillers. It can be processed by injection molding and is available in North America. The application fields of Salflex 635MGI 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		
Features	Good liquidity		
Uses	Industrial application		
	Home appliance components		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	0.50 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	54.0	MPa	ISO 527-2
Flexural Modulus	4900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	6.1	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	134	°C	ISO 75-2/B
Additional Information			
Ash Content, ISO 3451/1A: 35%			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	215 - 235	°C	
Middle Temperature	220 - 250	°C	
Front Temperature	220 - 250	°C	
Nozzle Temperature	220 - 250	°C	

Processing (Melt) Temp	210 - 230	°C
Mold Temperature	60.0 - 80.0	°C

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Recommended distributors for this material

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