

Salflex 620TIM

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 620TIM is a polypropylene copolymer (PP Copoly) product, which contains 20% talc filler. It can be processed by injection molding and is available in North America. Salflex 620TIM applications include electrical appliances, industrial applications and the automotive industry.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Uses	Industrial application		
	Home appliance components		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Molding Shrinkage	1.1	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	60	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	kJ/m ²	ISO 180/1A
Additional Information			
Ash Content, ISO 3451/1A: 20%			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	195 - 225	°C	
Middle Temperature	205 - 235	°C	
Front Temperature	210 - 240	°C	
Nozzle Temperature	210 - 240	°C	
Processing (Melt) Temp	205 - 225	°C	
Mold Temperature	27.0 - 60.0	°C	

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