

Salflex 620TIS2

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 620TIS2 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. The application fields of Salflex 620TIS2 include electrical appliances, industrial applications and automobile 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	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ISO 1133
Molding Shrinkage	0.95 - 1.3	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.4	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	69.0	°C	ISO 75-2/B
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	180 - 210	°C	
Middle Temperature	190 - 220	°C	
Front Temperature	195 - 225	°C	
Nozzle Temperature	205 - 235	°C	
Processing (Melt) Temp	190 - 215	°C	
Mold Temperature	27.0 - 60.0	°C	

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