

Salflex 625TIM

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 625TIM is a polypropylene copolymer (PP Copoly) product, which contains 25% talc filler. It can be processed by injection molding and is available in North America. Salflex 625TIM applications include the automotive industry and electrical appliances. The main characteristics are: impact resistance.

General Information			
Filler / Reinforcement	Talc filler, 25% filler by weight		
Features	Impact resistance, high		
Uses	Home appliance components		
	Application in Automobile Field		
	Car interior equipment		
	Car dashboard		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2000	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	108	°C	ASTM D648
Additional Information			
Ash Content, ISO 3451/1A: 25%			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	190 - 220	°C	
Middle Temperature	200 - 230	°C	
Front Temperature	210 - 235	°C	
Nozzle Temperature	215 - 240	°C	
Processing (Melt) Temp	200 - 220	°C	

Mold Temperature	27.0 - 60.0	°C
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