

Salflex 622LI

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 622LI is a polypropylene copolymer (PP Copoly) product, which contains 20% mineral fillers. It can be processed by injection molding and is available in North America. Typical application areas are: automotive industry.

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Uses	Application in Automobile Field		
	Car interior equipment		
	Car dashboard		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Molding Shrinkage	0.80 - 1.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Flexural Modulus	2050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	24	kJ/m ²	ISO 180/1A
Instrumented Dart Impact			ASTM D3763
5°C	21.0	J	ASTM D3763
23°C	40.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	60.0	°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	190 - 220	°C	
Middle Temperature	200 - 230	°C	
Front Temperature	210 - 240	°C	
Nozzle Temperature	220 - 240	°C	
Processing (Melt) Temp	200 - 220	°C	

Mold Temperature	27.0 - 60.0	°C
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