

Salflex 600MI

Thermoplastic Polyolefin Elastomer

Salflex Polymers Ltd.

Message:

Salflex 600MI is a Thermoplastic Polyolefin Elastomer (TPO (POE)) product. It can be processed by injection molding and is available in North America.

General Information			
Features	Paintable		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 5 sec)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	700	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.0	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 75.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	190 to 220	°C	
Middle Temperature	200 to 230	°C	
Front Temperature	210 to 240	°C	
Nozzle Temperature	220 to 240	°C	
Processing (Melt) Temp	200 to 220	°C	
Mold Temperature	27.0 to 60.0	°C	

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