

# Salflex 830I

Polypropylene  
Salflex Polymers Ltd.

Message:

Salflex 830I is a Polypropylene product filled with 30% glass fiber. It can be processed by injection molding and is available in North America. Applications of Salflex 830I include automotive and industrial applications.  
Characteristics include:  
High Flow  
High Stiffness

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Flow		
	High Stiffness		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.40	%	ISO 294-4
Ash Content	30	%	ISO 3451-1A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	5550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	145	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	190 to 220	°C	
Middle Temperature	195 to 225	°C	
Front Temperature	195 to 225	°C	

Nozzle Temperature	200 to 230	°C
Processing (Melt) Temp	195 to 215	°C
Mold Temperature	24.0 to 60.0	°C

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