Salflex 820I

Polypropylene

Salflex Polymers Ltd.

Message:

Salflex 820I is a Polypropylene product filled with 20% glass fiber. It can be processed by injection molding and is available in North America. Applications of Salflex 820I include automotive and industrial applications.
Characteristics include:
High Flow
High Stiffness

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Flow High Stiffness		
Uses	Automotive Applications Automotive Interior Trim Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.03	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Ash Content	20	%	ASTM D2584
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	84.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4050	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	72	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	152	°C	ASTM D648
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

Recommended distributors for this material

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