

Salflex 815C

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 815C is a polypropylene copolymer (PP Copoly) product, which contains a 15% glass fiber reinforced material. It can be processed by blow molding or extrusion and is available in North America. The application fields of Salflex 815C include automobile industry and industrial application.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight
Uses	Industrial application
	Application in Automobile Field
	Automotive exterior parts
Forms	Particle
Processing Method	Blow molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.1	g/10 min	ISO 1133
Molding Shrinkage	0.50	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	2690	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	96.0	°C	ISO 75-2/A

Additional Information		
Ash Content, ISO 3451/1A: 14%		
Extrusion	Nominal Value	Unit
Drying Temperature	80.0 - 100	°C
Drying Time	2.0 - 4.0	hr
Cylinder Zone 1 Temp.	185 - 215	°C
Cylinder Zone 2 Temp.	185 - 225	°C
Cylinder Zone 3 Temp.	185 - 225	°C
Cylinder Zone 4 Temp.	185 - 225	°C
Melt Temperature	185 - 220	°C

Die Temperature	185 - 230	°C
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Extrusion instructions

Blow Molding Mold Temperature: 50 to 90°C

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Recommended distributors for this material

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