

Salflex 600C

Polypropylene Copolymer

Salflex Polymers Ltd.

Message:

Salflex 600C is a polypropylene copolymer (PP Copoly) product. It can be processed by blow molding and is available in North America. Typical application areas are: automotive industry. The main characteristics are: impact resistance.

General Information			
Features	Impact resistance, high		
Uses	Application in Automobile Field		
	Car interior equipment		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.2	g/10 min	ISO 1133
Molding Shrinkage	1.5 - 1.8	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	1070	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	57	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	74.0	°C	ISO 75-2/B
Additional Information			
Elongation at Break, ISO 527: >400%			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180 - 210	°C	
Cylinder Zone 2 Temp.	180 - 220	°C	
Cylinder Zone 3 Temp.	180 - 220	°C	
Cylinder Zone 4 Temp.	180 - 220	°C	
Melt Temperature	190 - 230	°C	
Die Temperature	185 - 225	°C	
Extrusion instructions			
Blow Molding Mold Temperature: 5 to 60°C			

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