

# Salflex 910

High Density Polyethylene  
Salflex Polymers Ltd.

Message:

Salflex 910 is a high density polyethylene product, which contains 10% mica filler. It can be processed by blow molding or extrusion and is available in North America. The application fields of Salflex 910 include industrial application and automobile industry. The main characteristics are: impact resistance.

General Information	
Filler / Reinforcement	Mica filler, 10% filler by weight
Features	Medium impact resistance
Uses	Industrial application
	Application in Automobile Field
Forms	Particle
Processing Method	Blow molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	13	g/10 min	ISO 1133
Molding Shrinkage	1.8	%	ISO 294-4

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.8	MPa	ISO 527-2
Tensile Strain (Break)	11	%	ISO 527-2
Flexural Modulus	1520	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	16	kJ/m <sup>2</sup>	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	91.0	°C	ISO 75-2/B

Additional Information	
Ash Content, ISO 3451/1A: 10.7%	

Extrusion	Nominal Value	Unit
Drying Temperature	70.0 - 90.0	°C
Drying Time	2.0 - 4.0	hr
Cylinder Zone 1 Temp.	180 - 220	°C
Cylinder Zone 2 Temp.	180 - 225	°C
Cylinder Zone 3 Temp.	180 - 230	°C
Cylinder Zone 4 Temp.	180 - 230	°C
Melt Temperature	195 - 220	°C

Die Temperature	180 - 230	°C
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#### Extrusion instructions

Blow Molding Mold Temperature: 20 to 60°C

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#### Recommended distributors for this material

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