

# Formolon® 680

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

F680 is especially suited for processing from powder blends due to its ability to rapidly absorb plasticizers regardless of molecular weight. In addition, this product offers:

- Excellent Electrical Properties
- Low Contamination
- Low Gel Content
- Excellent Heat Stability
- High Finished Product Physical Properties
- Lot To Lot Uniformity

General Information	
Features	Good Electrical Properties
	Good Thermal Stability
	High Purity
	Homopolymer
	Low Gel
Uses	Film
	General Purpose
	Medical/Healthcare Applications
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Blown Film
	Calendering
	Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.49	g/cm <sup>3</sup>	ASTM D1895
K-Value	70.0		
Contamination <sup>1</sup>	15		
Gel Content	10.0		Internal Method
Inherent Viscosity	1.0		ASTM D1243
Relative Viscosity	2.37		ASTM D1243
Sieve Analysis			ASTM D1921
200 Mesh	3.0	%	
40 Mesh	100	%	
ASTM Classification	GP5-15000		ASTM D1755
Residual Vinyl Chloride Monomer	< 1	ppm	Internal Method

Volatiles	0.15	%	ASTM D3030
NOTE			

1. OCS per 100g

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#### Recommended distributors for this material

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