

Formolon® 680H

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

High Finished Product Physical Properties

Lot To Lot Uniformity

Excellent Heat Stability

Suggested Applications:

Flexible Calendaring, Extrusion, Medical, Meat Wrap and Blown Film

General Information			
Features	Good Electrical Properties		
	Good Surface Finish		
	Good Thermal Stability		
	High Purity		
	Homopolymer		
	Low Gel		
Uses	Blending		
	Film		
	Food Wrap		
	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 ³	ASTM D1895
K-Value	70.0		
Contamination ¹	15		
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
Gel Count	10.0		Internal Method
Residual Vinyl Chloride Monomer	< 1	ppm	Internal Method
Volatiles	0.15	%	ASTM D3030
NOTE			
1.	OCS per 100g		

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