

Formolon® 690F

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

F690F 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

Suggested Applications:

- Flexible Calendering, Medical and Extrusion

General Information			
Features	Good Electrical Properties		
	Good Surface Finish		
	Good Thermal Stability		
	High Purity		
	Homopolymer		
	Low Gel		
Uses	Blending		
	Film		
	Medical/Healthcare Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Calendering		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.49	g/cm ³	ASTM D1895
K-Value	73.0		
Contamination ¹	20		
Inherent Viscosity	1.1		ASTM D1243
Relative Viscosity	2.51		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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