

Formolon® 685

Polyvinyl Chloride Homopolymer
Formosa Plastics Corporation, U.S.A.

Message:

F685 is especially suited for processing from powder blends due to its ability to 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 Extrusion, Wire and Cable, 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
	Wire & Cable Applications
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Blown Film
	Extrusion
	Wire & Cable Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.52	g/cm ³	ASTM D1895
K-Value	70.0		
Contamination ¹	20		
Inherent Viscosity	1.0		ASTM D1243
Relative Viscosity	2.37		ASTM D1243
Sieve Analysis			ASTM D1921
200 Mesh	2.0	%	
40 Mesh	100	%	

ASTM Classification	GP5-15000		ASTM D1755
Gel Count	15.0		Internal Method
Residual Vinyl Chloride Monomer	< 1	ppm	Internal Method
Volatiles	0.15	%	ASTM D3030
NOTE			
1.	OCS per 100g		

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