


Formosa Plastics®
Formolon® PVC

Formolon® 685

Homopolymer General Purpose Grade Resin

F685 is especially suited for processing from powder blends due to its ability to absorb plasticizers regardless of molecular weight. This is a coarser, higher Bulk Density resin especially designed for better flow and higher production rates in extruders. In addition, this product offers:

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

Suggested Applications:

Flexible Extrusion, Wire and Cable, Meat Wrap and Blown Film

<u>Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Relative Viscosity	estimated	2.37
Inherent Viscosity	ASTM 5225	1.02
K-Value	estimated	70
Volatiles (%)	ASTM D-6980	0.20
Bulk Density (lbs/ft ³)	ASTM D-1895	32
(g/cc)		0.52
Sieve Analysis	Malvern	
% thru 40 Mesh		99.9
% thru 200 Mesh		3.0
Residual VCM (ppm)	GC Head Space Method	< 1
Contamination Count	OCS per 100g	20
Gel Count	GP Gel Method	16

Effective as of November 2015

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7724

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