



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. 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>Typical Properties</u>	<u>Test Method</u>	<u>Value</u>
ASTM Classification	ASTM D-1755	GP5 - 15000
Relative Viscosity	ASTM D-1243	2.37
Inherent Viscosity	ASTM D-1243	1.02
K-Value	Fikentscher's Constant	70
Volatiles (%)	ASTM D-3030	0.15
Bulk Density (lbs/ft ³)	ASTM D-1895	32
(g/cc)		0.52
Sieve Analysis	ASTM D-1921	
% thru 40 Mesh		99.9
% thru 200 Mesh		2.0
Residual VCM (ppm)	GC Head Space Method	< 1
Contamination Count	OCS per 100g	20
Gel Count	GP Gel Method	15

Effective as of October, 2009

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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ISO 9001:2008
FS 70459
FM 31429
FM 31430



ISO 14001:2004
EMS 35710
EMS 36149

