



Formosa Plastics®

# Formolon® 680

## Homopolymer General Purpose Grade Resin

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

### Suggested Applications:

Flexible Calendering, Extrusion, Medical, Blown Film and Wire and Cable.

<u>Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Relative Viscosity	estimated	2.37
Inherent Viscosity	ASTM D-5225	1.02
K-Value	estimated	70
Volatiles (%)	ASTM D-6980	0.20
Bulk Density (lbs/ft <sup>3</sup> )	ASTM D-1895	32
(g/cc)		0.51
Sieve Analysis	Malvern	
% thru 40 Mesh		99.9
% thru 200 Mesh		4
Residual VCM (ppm)	GC Head Space Method	<1.0
Contamination Count	OCS per 100g	20
Gel Count	GP Gel Method	10

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

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions concerning uses or applications are only the opinion of FORMOSA PLASTICS CORPORATION, U.S.A. and users should perform their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting the results, FORMOSA PLASTICS CORPORATION, U.S.A. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, other than that the material conforms to the applicable current Standard Specifications Statements herein, therefore, should not be construed as representations or warranties. The responsibility of FORMOSA PLASTICS CORPORATION, U.S.A. for claims arising out of breach of warranty, negligence, strict liability or otherwise is limited to the purchase price of the material. Statements concerning the use of the products of formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

