



# Formolon-10

## PVC Homopolymer Dispersion Resin

**F-10** is a medium molecular weight PVC homopolymer dispersion resin with low residual surfactant content. Plastisol prepared using F-10 exhibit low paste viscosity as well as excellent clarity and heat stability. Applications include sheet goods flooring wearlayer, low density chemical blow foam and strand coating.

### TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.30
Inherent Viscosity	ASTM D1243	0.98
K-Value	Fikentscher's Constant	68
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.5 %

### TYPICAL PLASTISOL<sup>1</sup> PROPERTIES

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	60 poise
		20 rpm aged 2 hrs	45 poise
Severs Viscosity	SPI-VD-T2	100 psig aged 2 hrs	80 poise
Gelation Temperature	SPI-VD-T18		158 °F

1. 500 gm resin and 300 gm DOP, Hobart mixer mixed 5 min. @ No. 1 speed and 10 min. @ No. 2 speed, undeaerated.

*Originally Published 05/31/1981, Revised 08/25/2010*

**Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (800) 363-1823 • Fax: (973) 716-7483**

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.



ISO 9001:2008  
FS 70459  
FM 31429



ISO 14001:2004  
EMS 35710  
EMS 36149  
EMS 36139

