



Formolon® -186

PVC Copolymer Suspension Resin

F-186 is a medium molecular vinyl chloride/vinyl acetate copolymer suspension resin. This resin is primarily used in the calendaring and extrusion of rigid film. F-186 has also found success in applications where clarity and increased toughness are required such as solution coatings on various substrates.

TYPICAL RESIN PROPERTIES

Relative Viscosity	ASTM D2857	1.85
Inherent Viscosity	ASTM D1243	0.71
K-Value	Fikentscher's constant	56
Vinyl Acetate Content	QC-10-105	14.0%
Bulk Density	ASTM D1895 (A)	0.57 g/cc
Sieve Analysis Through 40 Mesh Screen	ASTM D1921 (B)	99.0 %
Volatiles	ASTM D3030	1.5%

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Originally Published 04/01/2002, Revised 10/17/2022.

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.