

Formosa Plastics Formolon® KVF PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC Homopolymer Dispersion Resin F-KVF is a medium molecular weight, fine particle PVC homopolymer dispersion which imparts pseudoplastic flow to plastisol in which it is used. Plastisol prepared utilizing F-KVF are particularly for dip, slush and rotational molding where mold release and pseudoplasticity are desired. Also fabric coating where minimum strike through is essential as well as screen printing application where fine particle and pseudoplasticity are required. Note 1. 500 gm resin and 300 gm DOP, Hobart mixer mixed 5 min. @ No. 1 speed and 10 min. @ No. 2 speed, undeaerated. Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolon-KVF-PVC.php

Physical Properties	Metric	English	Comments
Volatiles	0.50 %	0.50 %	ASTM D3030
Viscosity	0.95 cP	0.95 cP	Inherent; ASTM D1243
	8000 cP	8000 cP	Severs, 100 psig aged 2 hrs, See note 1; SPI-VD-T2
Relative Viscosity	2.25 cP	2.25 cP	QC-10-104
Brookfield Viscosity	92000 cP	92000 cP	20 rpm aged 2 hrs, See note 1; SPI-VD-T1
	860000 cP	860000 cP	2 rpm aged 2 hrs, See note 1; SPI-VD-T1

Descriptive Properties	Value	Comments
Composition	0.01	Methanol Extract, ASTM D2222
Gelation Temperature	158°F	SPI-VD-T18
K-Value	67	Fikentscher's Constant

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