

Formosa Plastics Formolon® KVH PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC Homopolymer Dispersion Resin F-KVH is a structured high molecular weight PVC homopolymer dispersion resin which imparts pseudoplastic flow in which it is used. Plastisol prepared utilizing F-KVH are particularly suited for dip, slush and rotational molding where mold release and pseudoplasticity are desired as well as fabric coating application where minimum strike through is essential. 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-KVH-PVC.php

Physical Properties	Metric	English	Comments
Volatiles	0.30 %	0.30 %	ASTM D3030
Viscosity	1.2 cP	1.2 cP	Inherent; ASTM D1243
	8000 cP	8000 cP	Severs, 100 psig aged 2 hrs, See note 1; SPI-VD-T2
Relative Viscosity	2.65 cP	2.65 cP	QC-10-104
Brookfield Viscosity	60000 cP	60000 cP	20 rpm aged 2 hrs, See note 1; SPI-VD-T1
	500000 cP	500000 cP	2 rpm aged 2 hrs, See note 1; SPI-VD-T1

Descriptive Properties	Value	Comments
Composition	0.015	Methanol Extract, ASTM D2222
Gelation Temperature	175°F	SPI-VD-T18
K-Value	75	Fikentscher's Constant

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