

Formosa Plastics Formolon® 1071 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC Homopolymer Dispersion Resin F-1071 is a high molecular weight, fine particle size PVC homopolymer dispersion resin with low surfactant content. The high molecular weight results in product with improved tensile strength and abrasion resistance. Products based on F-1071 exhibit excellent heat stability, gloss and clarity. Applications include sheet goods flooring wear layer and thin film coatings. 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-1071-PVC.php

Physical Properties	Metric	English	Comments
Volatiles	0.50 %	0.50 %	ASTM D3030
Viscosity	1.27 cP	1.27 cP	Inherent; ASTM D1243
	8000 cP	8000 cP	Severs, 100 psig aged 2 hrs, See note 1; SPI-VD-T2
Relative Viscosity	2.83 cP	2.83 cP	QC-10-104
Brookfield Viscosity	3800 cP	3800 cP	20 rpm aged 2 hrs, See note 1; SPI-VD-T1
	5200 cP	5200 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	180°F	SPI-VD-T18
K-Value	79	Fikentscher's Constant

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