

Formosa Plastics Formolon® 40 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC Copolymer Dispersion Resin F-40 is a vinyl chloride vinyl acetate copolymer dispersion resin with low paste viscosities, excellent heat stability, and rapid fusion characteristics. F-40 has been successfully used in mechanically frothed foam, solid rug backing, laminating, fabric coating, flocking adhesives sealants, and many other applications. 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-40-PVC.php

Physical Properties	Metric	English	Comments
Volatiles	0.30 %	0.30 %	ASTM D3030
Viscosity	1.04 cP	1.04 cP	Inherent; ASTM D1243
	9000 cP	9000 cP	Severs, 100 psig aged 2 hrs, See note 1; SPI-VD-T2
Relative Viscosity	2.4 cP	2.4 cP	QC-10-104
Brookfield Viscosity	5500 cP	5500 cP	20 rpm aged 2 hrs, See note 1; SPI-VD-T1
	8500 cP	8500 cP	2 rpm aged 2 hrs, See note 1; SPI-VD-T1
Vinyl Acetate Content	5.0 %	5.0 %	Bound; QC-10-105

Descriptive Properties	Value	Comments
Composition	0.016	Methanol Extract, ASTM D2222
Gelation Temperature	152°F	SPI-VD-T18
K-Value	70	Fikentscher's Constant

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