

Formosa Plastics Formolon® 34 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC Homopolymer Dispersion Resin F-34 is a medium molecular weight PVC homopolymer dispersion resin which has been developed primarily for use in chemically expanded compound. In expanded systems, the product exhibits a fine uniform cell structure in a variety of formulations and over a wide range of processing conditions. 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-34-PVC.php

Physical Properties	Metric	English	Comments
Volatiles	0.50 %	0.50 %	ASTM D3030
Viscosity	0.95 cP	0.95 cP	Inherent; ASTM D1243
	13000 cP	13000 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	10000 cP	10000 cP	20 rpm aged 2 hrs, See note 1; SPI-VD-T1
	21000 cP	21000 cP	2 rpm aged 2 hrs, See note 1; SPI-VD-T1

Descriptive Properties	Value	Comments
Composition	0.025	Methanol Extract, ASTM D2222
Gelation Temperature	152°F	SPI-VD-T18
K-Value	67	Fikentscher's Constant

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