



# Formolon® -24A

## PVC Homopolymer Dispersion Resin

F-24A is a low molecular weight PVC homopolymer dispersion resin which has been developed primarily for use in chemically expanded compounds as well as other applications where rapid gelation and physical property development at low temperature are required. In expanded systems, the product exhibits a fine uniform cell structure in a variety of formulations and over a wide range of processing conditionals. F24A is further characterized as displaying good plastisol viscosity and viscosity stability.

### TYPICAL RESIN PROPERTIES

Relative Viscosity	ASTM D2857	2.15
Inherent Viscosity	ASTM D1243	0.90
K-Value	Fikentscher's constant	65
Volatiles	ASTM D3030	0.3%
Methanol extract	ASTM D2222	1.8 %

### TYPICAL PLASTISOL<sup>1</sup> PROPERTIES

Brookfield Viscosity	ASTM D1824	2 rpm aged 2 hrs	125 poise
		20 rpm aged 2 hrs	70 poise
Severs Viscosity	ASTM D1823	100 psig aged 2 hrs	70 poise
Gelation Temperature	SPI-VD-T18		154 °F

1. 500 gm resin and 300 gm DOP, Hobart mixer mixed 5 min. @ No. 1 speed and 10 min. @ No. 2 speed, undeaerated.

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