



# Formolon® -38

## PVC Homopolymer Dispersion Resin

F-38 is a high molecular weight PVC homopolymer dispersion resin which exhibits low paste viscosities, exceptional air release as well as a balance of other properties which permits utilization of this product in a variety of applications including dip coating, slush and roto-casting, in addition to both solid and expanded fabric coating constructions.

### TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.65
Inherent Viscosity	ASTM D1243	1.20
K-Value	Fikentscher's constant	75
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	2.50%

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

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	100 poise
		20 rpm aged 2 hrs	55 poise
Severs Viscosity	SPI-VD-T2	100 psig aged 2 hrs	120 poise
Gelation Temperature	SPI-VD-T18		168 °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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