



Formolon-45

PVC Copolymer Dispersion Resin

F-45 is a vinyl chloride vinyl acetate copolymer dispersion resin with low paste viscosities, excellent heat stability, and rapid fusion characteristics. F-45 has been successfully used in mechanically frothed foam, solid rug backing, laminating, fabric coating, flocking adhesives sealants, and many other applications.

TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.50
Inherent Viscosity	ASTM D1243	1.10
K-Value	Fikentscher's constant	72
Volatiles	ASTM D3030	0.4%
Methanol Extract	ASTM D2222	2.0%
Bound Vinyl Acetate	QC-10-105	7.0%

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	135 poise
		20 rpm aged 2 hrs	90 poise
Severs Viscosity	SPI-VD-T2	100 psig aged 2 hrs	90 poise
Gelation Temperature	SPI-VD-T18		142 °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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EMS 70459
FM 31429



ISO 14001:2004
EMS 35710
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