



# Formolon® -10

## PVC Homopolymer Dispersion Resin

F-10 is a medium molecular weight PVC homopolymer dispersion resin with low residual surfactant content. Plastisol prepared using F-10 exhibit low paste viscosity as well as excellent clarity and heat stability. Applications include sheet goods flooring wearlayer, low density chemical blow foam and strand coating.

### TYPICAL RESIN PROPERTIES

Relative Viscosity	ASTM D2857	2.30
Inherent Viscosity	ASTM D1243	0.98
K-Value	Fikentscher's Constant	68
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.5 %

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

Brookfield Viscosity	ASTM D1824	2 rpm aged 2 hrs	60 poise
		20 rpm aged 2 hrs	45 poise
Severs Viscosity	ASTM D1823	100 psig aged 2 hrs	80 poise
Gelation Temperature	SPI-VD-T18		158 °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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