



# 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 exhibits 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	1.6 %

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

Brookfield Viscosity	ASTM D1824	2 rpm aged 2 hrs	75 poise
		20 rpm aged 2 hrs	45 poise
Severs Viscosity	ASTM D1823	100 psig aged 2 hrs	85 poise
Gelation Temperature			162 °F

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

NOTE: The physical data presented above are typical values and should not be construed as a specification. Originally Published 05/31/1981, Revised 09/06/2019.

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