



Formosa Plastics®

Formolon® PVC

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	estimated	2.30
Inherent Viscosity	ASTM D5225	0.98
K-Value	Fikentscher's Constant	68
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.6 %

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	ASTM D1824 2 rpm aged 2 hrs	70 poise
	20 rpm aged 2 hrs	40 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.

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