



Formosa Plastics®

Formolon® PVC

Formolon®-24A

PVC Homopolymer Dispersion Resin

F-24A is a low molecular weight PVC homopolymer dispersion resin which has been developed primarily for use in chemically expanded compounds as well as other applications where rapid gelation and physical property development at low temperature are required. In expanded systems, the product exhibits a fine uniform cell structure in a variety of formulations and over a wide range of processing conditions. F24A is further characterized as displaying good plastisol viscosity and viscosity stability.

TYPICAL RESIN PROPERTIES

Relative Viscosity	estimated	2.16
Inherent Viscosity	ASTM D5225	0.90
K-Value	Fikentscher's constant	65
Volatiles	ASTM D3030	0.3%
Methanol extract	ASTM D2222	1.8 %

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	ASTM D1824 2 rpm aged 2 hrs	100 poise
	20 rpm aged 2 hrs	65 poise
Severs Viscosity	ASTM D1823 100 psig aged 2 hrs	90 poise
Gelation Temperature		165 °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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