



Formolon® -38A

PVC Homopolymer Dispersion Resin

F-38A is a medium high molecular weight PVC homopolymer dispersion resin which has been developed primarily for use in chemically expanded compound. In expanded systems, the product exhibits a fine uniform cell structure in a variety of formulations and over a wide range of processing conditions.

TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.62
Inherent Viscosity	ASTM D1243	1.16
K-Value	Fikentscher's Constant	75
Volatiles	ASTM D3030	0.4%
Methanol extract	ASTM D2222	2.5 %

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	210 poise
		20 rpm aged 2 hrs	100 poise
Sever Viscosity	SPI-VD-T2	100 psig aged 2 hrs	130 poise
Gelation Temperature	SPI-VD-T18		165 °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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