



Formolon® -28A

PVC Homopolymer Dispersion Resin

F-28A is a high molecular weight PVC homopolymer dispersion resin which exhibits low paste viscosities as well as low residual surfactant content. This product was designed for a diversity of application such as dip coating, slush molding, rotocasting, organosols and other areas where high strength properties are essential.

TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.65
Inherent Viscosity	ASTM D1243	1.20
K-Value	Fikentscher's constant	75
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.2%

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	70 poise
		20 rpm aged 2 hrs	45 poise
Severs Viscosity	SPI-VD-T2	100 psig aged 2 hrs	70 poise
Gelation Temperature	SPI-VD-T18		180 °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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