



Formolon® -28

PVC Homopolymer Dispersion Resin

F-28 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	ASTM D2857	2.65
Inherent Viscosity	ASTM D1243	1.20
K-Value	Fikentscher's constant	75
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.4%

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	ASTM D1824	2 rpm aged 2 hrs	70 poise
		20 rpm aged 2 hrs	45 poise
Severs Viscosity	ASTM D1823	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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