



Formosa Plastics®

Formolon® PVC

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 diverse applications such as dip coating, slush molding, rotocasting, organosols and other areas where high tensile strength is essential.

TYPICAL RESIN PROPERTIES

Relative Viscosity	estimated	2.64
Inherent Viscosity	ASTM D 5225	1.15
K-Value	Fikentscher's constant	75
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.7%

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	ASTM D1824	2 rpm aged 2 hrs	55 poise
		20 rpm aged 2 hrs	35 poise
Severs Viscosity	ASTM D1823	100 psig aged 2 hrs	60 poise
Gelation Temperature			206 °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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