



Formosa Plastics®

Formolon® PVC

Formolon®-NVA

PVC Homopolymer Dispersion Resin

F-NVA is a high molecular weight PVC homopolymer dispersion resin with low residual surfactant content. Plastics containing F-NVA exhibit low paste viscosity and good viscosity stability. This product is presently being utilized in a variety of applications where the resulting films or coating require high tensile strength and resistance to abrasion.

TYPICAL RESIN PROPERTIES

Relative Viscosity	estimated	2.90
Inherent Viscosity	ASTM D5225	1.29
K-Value	Fikentscher's constant	80
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.4 %

TYPICAL PLASTISOL¹ PROPERTIES

Brookfield Viscosity	ASTM D1824 2 rpm aged 2 hrs	40 poise
	20 rpm aged 2 hrs	30 poise
Severs Viscosity	ASTM D1823 100 psig aged 2 hrs	60 poise
Gelation Temperature		205 °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.

Originally Published 11/01/2003, Revised 02/06/2023.

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02/23

