

Formolon® NVW

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

F-NVW is a high molecular weight PVC homopolymer dispersion resin with low residual surfactant content. Plastics containing F-NVW exhibit low paste viscosities 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.

General Information			
Features	Dispersible		
	Good Abrasion Resistance		
	High Molecular Weight		
	Homopolymer		
	Low Viscosity		
Uses	Coating Applications		
	Film		
Agency Ratings	EC 1907/2006 (REACH)		
Physical	Nominal Value		Test Method
K-Value	80.0		
Inherent Viscosity	1.3		ASTM D1243
Relative Viscosity	2.90		
Brookfield Viscosity			
-- ¹	4.50	Pa · s	
-- ²	5.50	Pa · s	
Sever Viscosity ³	8.00	Pa · s	
Gel Temperature	91	°C	
Methanol Extractables	1.5	%	ASTM D2222
Volatiles	0.30	%	ASTM D3030
NOTE			
1.	20 rpm, aged 2 hr		
2.	2 rpm, aged 2 hr		
3.	100 psig, aged 2 hr		

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