

Formolon® 28

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

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.

General Information	
Features	Dispersible
	High Molecular Weight
	Homopolymer
	Low Residuals
	Low Viscosity
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Coating
	Rotational Molding
	Slush Molding

Physical	Nominal Value		Test Method
K-Value	75.0		
Inherent Viscosity	1.2		ASTM D1243
Relative Viscosity	2.65		
Brookfield Viscosity			
-- ¹	4.50	Pa · s	
-- ²	7.00	Pa · s	
Sever Viscosity ³	7.00	Pa · s	
Gel Temperature	82	°C	
Methanol Extractables	1.4	%	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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

