

Formolon® 34

Polyvinyl Chloride Homopolymer

Formosa Plastics Corporation, U.S.A.

Message:

F-34 is a medium molecular weight PVC homopolymer dispersion resin which has been developed primarily for use in chemically expanded compound. In expanded systems, the product exhibits a fine uniform cell structure in a variety of formulations and over a wide range of processing conditions.

General Information			
Features	Dispersible		
	Homopolymer		
	Medium Molecular Weight		
Agency Ratings	EC 1907/2006 (REACH)		
Physical	Nominal Value		Test Method
K-Value	67.0		
Inherent Viscosity	0.96		ASTM D1243
Relative Viscosity	2.25		
Brookfield Viscosity			
-- ¹	10.0	Pa · s	
-- ²	21.0	Pa · s	
Sever Viscosity ³	13.0	Pa · s	
Gel Temperature	67	°C	
Methanol Extractables	2.5	%	ASTM D2222
Volatiles	0.50	%	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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