

Formolon® 45

Polyvinyl Chloride Alloy

Formosa Plastics Corporation, U.S.A.

Message:

F-45 is a vinyl chloride vinyl acetate copolymer dispersion resin with low paste viscosities, excellent heat stability, and rapid fusion characteristics. F-45 has been successfully used in mechanically frothed foam, solid rug backing, laminating, fabric coating, flocking adhesives sealants, and many other applications.

General Information			
Features	Copolymer		
	Dispersible		
	Good Thermal Stability		
	Low Viscosity		
Uses	Adhesives		
	Carpet Backing		
	Fabric Coatings		
	Foam		
	Laminates		
	Sealants		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Coating		
	Laminating		
Physical	Nominal Value	Unit	Test Method
K-Value	72.0		
Vinyl Acetate Content	7.0	wt%	
Inherent Viscosity	1.1		ASTM D1243
Relative Viscosity	2.50		
Brookfield Viscosity			
-- ¹	9.00	Pa · s	
-- ²	13.5	Pa · s	
Sever Viscosity ³	9.00	Pa · s	
Gel Temperature	61	°C	
Methanol Extractables	2.0	%	ASTM D2222
Volatiles	0.40	%	ASTM D3030
NOTE			
1.	20 rpm, aged 2 hr		
2.	2 rpm, aged 2 hr		

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