

# Formolon® KVF

Polyvinyl Chloride Homopolymer  
Formosa Plastics Corporation, U.S.A.

Message:

F-KVF is a medium molecular weight, fine particle PVC homopolymer dispersion which imparts pseudoplastic flow to plastisol in which it is used. Plastisol prepared utilizing F-KVF are particularly for dip, slush and rotational molding where mold release and pseudoplasticity are desired. Also fabric coating where minimum strike through is essential as well as screen printing application where fine particle and pseudoplasticity are required.

General Information	
Features	Dispersible
	Good Mold Release
	Homopolymer
	Medium Molecular Weight
Uses	Fabric Coatings
Agency Ratings	EC 1907/2006 (REACH)
Processing Method	Dip Coating
	Rotational Molding
	Slush Molding

Physical	Nominal Value		Test Method
K-Value	67.0		
Inherent Viscosity	0.96		ASTM D1243
Relative Viscosity	2.25		
Brookfield Viscosity			
-- <sup>1</sup>	92.0	Pa · s	
-- <sup>2</sup>	860	Pa · s	
Sever Viscosity <sup>3</sup>	8.00	Pa · s	
Gel Temperature	70	°C	
Methanol Extractables	1.0	%	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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