

Formolon® 1071

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

Message:

F-1071 is a high molecular weight, fine particle size PVC homopolymer dispersion resin with low surfactant content. The high molecular weight results in product with improved tensile strength and abrasion resistance. Products based on F-1071 exhibit excellent heat stability, gloss and clarity. Applications include sheet goods flooring wear layer and thin film coatings.

General Information		
Features	Dispersible	
	Good Abrasion Resistance	
	Good Thermal Stability	
	High Clarity	
	High Gloss	
	High Molecular Weight	
	High Strength	
	Homopolymer	
Uses	Coating Applications	
	Flooring	
	Sheet	
Agency Ratings	EC 1907/2006 (REACH)	
Forms	Pellets	
Physical	Nominal Value	Test Method
K-Value	79.0	
Inherent Viscosity	1.3	ASTM D1243
Relative Viscosity	2.83	
Brookfield Viscosity		
-- 1	3.80	Pa · s
-- 2	5.20	Pa · s
Sever Viscosity 3	8.00	Pa · s
Gel Temperature	82	°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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