

Formolon® 172

Polyvinyl Chloride Alloy

Formosa Plastics Corporation, U.S.A.

Message:

F-172 is a medium molecular vinyl chloride/vinyl acetate copolymer suspension resin. This resin is primarily used in the calendaring and extrusion of rigid film.

F-172 has also found success in applications where clarity and increased toughness is required such as solution coatings on various substrates.

General Information	
Features	Copolymer
	Good Toughness
	Medium Clarity
	Medium Molecular Weight
Uses	Coating Applications
	Film
Agency Ratings	EC 1907/2006 (REACH)
Processing Method	Calendering
	Extrusion
	Solution Coating

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.60	g/cm ³	ASTM D1895A
K-Value	56.0		
Vinyl Acetate Content	10.0	wt%	
Inherent Viscosity	0.69		ASTM D1243
Relative Viscosity	1.83		
Sieve Analysis ¹	99	%	ASTM D1921
Volatiles	0.30	%	ASTM D3030

NOTE	
1.	Through 40 Mesh Screen, Method B

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