

Selvol™ E 08/88

Polyvinyl Alcohol
Sekisui Chemical Company, Ltd.

Message:

SELVOL™ E 8/88 is a low viscosity partially hydrolysed polyvinyl alcohol which finds applications principally in the Adhesives, Paper and Textile industries.
Adhesives: PVAc Emulsions for wood, paper, packaging and building; Remoistenables.
Paper: Pigment coating; Carbonless paper; Thermal paper.
Textiles: Spun yarn sizing for synthetic fibres; Filament yarn sizing; Printing.
Others: Ceramics binder and coating; Protective strip coatings; Mould release polyester / silicone; Temporary binder for powders; Water soluble films.

General Information			
Features	Low Viscosity		
Uses	Adhesives		
	Textile Applications		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	FDA Unspecified Rating		
Appearance	Ivory		
	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.23 to 1.30	g/cm ³	
Ash Content - Expressed as Sodium Oxide	< 0.7	wt%	Internal Method
pH - Of a 4% aqueous solution ¹	4.5 to 6.5		Internal Method
Viscosity - Of a 4% aqueous solution at 20°C ²	7 to 9	mPa · s	Brookfield
VOC Content	< 1.0	wt%	Internal Method
Refractive Index - nD ²⁰ °C	1.5200 to 1.5300		
Degree of Hydrolysis	87.0 to 89.0	mol%	Internal Method
Methanol Content	< 0.9	wt%	Internal Method
Volatiles	< 5.0	wt%	Internal Method
Thermal	Nominal Value	Unit	
Glass Transition Temperature	> 80.0	°C	
CLTE - Flow (0 to 45°C)	7.0E-5 to 8.0E-5	cm/cm/°C	
Specific Heat	1300	J/kg/°C	
Thermal Conductivity	0.23	W/m/K	
NOTE			
1.	International Reference: ISO 976		
2.	International Reference: ISO 2555		

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