

Selvol™ E 305

Polyvinyl Alcohol
Sekisui Chemical Company, Ltd.

Message:

SELVOL™ E 305 is a low viscosity fully hydrolysed polyvinyl alcohol which finds applications principally in the Adhesive, Paper and Textile industries.
Adhesives: PVAc Emulsions for wood,paper, packaging and building. Paper: Surface sizing ; Pigment coating ; Thermal paper ; Antigrease treatment.
Textiles: Cotton yarn sizing ; Spun yarn sizing ; Finishing ; Non wovens.
Others: Ceramics binder and coating ; Water soluble films.

General Information			
Features	Low Viscosity		
Uses	Adhesives		
	Textile Applications		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	FDA Unspecified Rating		
Appearance	Off-White		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density	1.27 to 1.31	g/cm ³	
Ash Content - Expressed as Sodium Oxide	< 1.2	wt%	Internal Method
pH - Of a 4% aqueous solution ¹	5.0 to 7.0		Internal Method
Viscosity - Of a 4% aqueous solution at 20°C ²	5 to 6	mPa · s	Brookfield
VOC Content	< 1.0	wt%	Internal Method
Refractive Index - nD ²⁰ °C	1.5200 to 1.5500		
Degree of Hydrolysis	98.0 to 98.8	mol%	Internal Method
Light Stability	Excellent		
Methanol Content	< 0.9	wt%	Internal Method
Volatiles	< 5.0	wt%	Internal Method
Thermal	Nominal Value	Unit	
Glass Transition Temperature	85.0	°C	
Melting Temperature	230	°C	
CLTE - Flow (0 to 45°C)	7.0E-5 to 1.0E-4	cm/cm/°C	
Specific Heat	1650 to 1670	J/kg/°C	
Thermal Conductivity	2.0	W/m/K	
Electrical	Nominal Value	Unit	
Volume Resistivity	3.1E+7 to 3.8E+7	ohms · cm	
NOTE			
1.	International Reference: ISO 976		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

