Selvol™ E 205S

Polyvinyl Alcohol

Sekisui Chemical Company, Ltd.

Message:

SELVOL™ E 205S is a low viscosity partially hydrolysed polyvinyl alcohol which finds applications principally in the Building industry.
Building: Cement for mortars, building adhesives and gypsum boards.

General Information			
Features	Low Viscosity		
Uses	Adhesives Building Materials		
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/cm³	
Ash Content - Expressed as Sodium Oxide	< 0.7	wt%	Internal Method
Particle Size			Internal Method
retained 40 mesh	< 0.100	wt%	
retained 80 mesh	< 1.00	wt%	
pH - Of a 4% aqueous solution [1]	4.5 to 6.5		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	87.0 to 89.0	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	58.0	°C	
Melting Temperature	180	°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
2.	International Reference: ISO 2555

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