

# Mowiol® 10-98

Polyvinyl Alcohol

Kuraray Co., Ltd.

## Message:

Fully hydrolysed grade

Mowiol® and Kuraray Poval® are the trade name of the polyvinyl alcohols marketed by Kuraray. These are manufactured from polyvinyl acetate by alcoholysis using a continuous process. By varying the degree of polymerization of the polyvinyl acetate and its degree of hydrolysis (saponification), a number of different grades can be supplied. Our PVOH types are offered in a high standard purity showing especially "low ash and VOC contents".

General Information			
Features	Good coloring		
	Good adhesion		
	Biodegradable		
	Water Soluble		
	Barrier resin		
Uses	Foil Coatings		
	Films		
	Textile applications		
	Building materials		
	Coating application		
	Adhesive		
	Adhesive		
	Paper coating		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.40 - 0.60	g/cm <sup>3</sup>	DIN 53466
Solution Viscosity <sup>1</sup>	9 - 11	mPa · s	DIN 53015
pH <sup>2</sup>	4.5 - 7.0		DIN 19261
Ash Content <sup>3</sup>		%	
Ester content	15.0 - 25.0	mg KOH/g	DIN 53401
Degree of Hydrolysis <sup>4</sup>	98 - 99	%	
Residual Acetyl Content	1.1 - 1.9	%	
Non-Volatile Content <sup>5</sup>	95	%	DIN 53189
Methanol extractable		%	
NOTE			
1.	4 % aqueous solution at 20 °C		
2.	4 % solution in distilled water		
3.	Calculated as Na <sub>2</sub> O		
4.	Saponification		

5.

After 3 hours' drying at 105 °C

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

