



## MaxxVol® 9803 Polyvinyl Alcohol

**MaxxVol 9803** is fully hydrolyzed ultra low viscosity polyvinyl alcohol. **MaxxVol 9803** is used in a multitude of applications including, paper sizing, adhesives, pigment coatings and where good strength and film forming properties are required.

### TYPICAL PROPERTIES

Type	Polyvinyl Alcohol
Appearance	Off-White to Cream Granular/Powder
Hydrolysis, % of PVOH, mole %	98.0 – 98.8
% Ash, Max.	1.2
Thermal Stability	Gradual discoloration about 100°C; darkens rapidly above 150°C; rapid decomposition above 200°C
Thermal Conductivity, W(m.K) <sup>3</sup>	0.2
pH, 4% soln.	4.5-6.5
Viscosity, 4% soln. cps.	3.5-4.5
Tg, °C, dry film	75-85
Stability to Sunlight	Excellent
Flammability	Burns similarly to paper

### Performance Features

Good Adhesion – Excellent Film Forming Properties – Excellent Flexibility - Water Resistant – Good Tensile Strength – Good Solvent Resistance

### Suggested Use

Paper Surface Sizing – Adhesives – Pigment Coatings

### Let MCTRON Technologies raise your expectations.

McTron Technologies, LLC Technical Support Team is available to provide assistance with the formulation of all our products to optimally suit your specific needs.

### McTron Technologies LLC Guarantee

If any product is defective in workmanship or materials, McTron Technologies, LLC will replace the product, or refund the full purchase price. This warranty is in place of all other warrants, expressed or implied, and all implied warrants of a product for an intended use shall be solely up to the user. McTron Technologies, LLC assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of materials supplied by it.