



Technical Data Sheet

MATERIAL:	Poly(vinyl alcohol), 88% hydrolyzed	
CATALOG NUMBER:	322	
CAS NUMBER:	9002-89-5	
DESCRIPTION:	Partially hydrolyzed poly(vinyl alcohol)	
FORMULA:	$(C_4H_6O_2 \cdot C_2H_4O)_x$	
TYPICAL PROPERTIES:	Appearance:	Granular
	Approx Mw:	10,000
	Viscosity:	5 cp (4% aqueous solution @ 20°C)
	Melting point:	200°C
	pH:	4.5-6.5 (4% aqueous solution)
	Solubility:	Glycerol (hot), glycols (hot), water
GENERAL INFORMATION:	Prepared by polymerizing vinyl acetate and hydrolyzing the resulting polymer. Typical application areas include adhesives, paper coatings, paper and textile sizing, ceramics and cosmetics. Partially hydrolyzed grades of polyvinyl alcohol offer increased solubility, flexibility and adhesion to hydrophobic surfaces over fully hydrolyzed grades.	
STRUCTURE:		

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