



## Technical Data Sheet

<b>MATERIAL:</b>	Polyvinylpyrrolidone
<b>CATALOG NUMBER:</b>	328
<b>CAS NUMBER:</b>	9003-39-8
<b>DESCRIPTION:</b>	N-Vinylpyrrolidone homopolymer
<b>FORMULA:</b>	$(C_6H_9NO)_x$

**TYPICAL PROPERTIES:**

Appearance:	Powder
Approx Mw:	10,000
Intrinsic viscosity:	0.06
Refractive index:	$n_D^{25}$ 1.5300
Glass transition temp:	175°C
Solubility:	Alcohols, amines, chloroform, glycols, methylene chloride, nitroparaffins, water (cold)

**GENERAL INFORMATION:**

Polyvinylpyrrolidone finds use in adhesives to improve strength and toughness; in plastics as a pigment dispersant, bonding agent and stabilizer; in paper manufacture to increase strength and as a coating resin; and in synthetic fibers to improve dye receptivity. It has also been used in inks, lithography, detergents and soaps, agricultural products and as a polymerization additive.

**STRUCTURE:**