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## **Technical Data Sheet**

MATERIAL:	Polyvinylpyrrolidone

CATALOG NUMBER: 328

**CAS NUMBER:** 9003-39-8

**DESCRIPTION:** N-Vinylpyrrolidone homopolymer

FORMULA:  $(C_6H_9NO)_x$ 

**TYPICAL PROPERTIES:** 

Appearance: Powder
Approx Mw: 10,000
Intrinsic viscosity: 0.06

Refractive index:  $n_D^{25}$  1.5300 Glass transition temp:  $175^{\circ}$ 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.

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