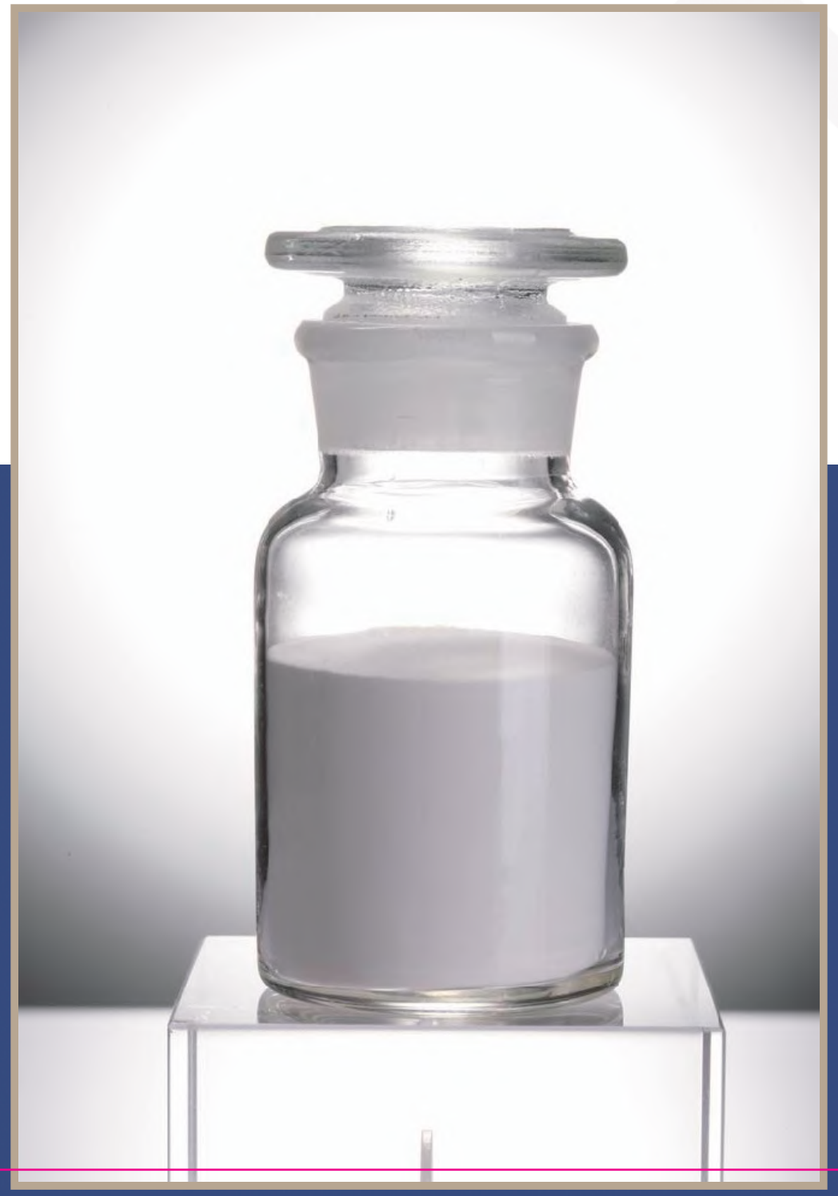
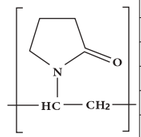
APPLICATIONS



Povidone

Chemical Name:Polyvinylpyrrolidone INCI/CTFA Namde:PVP CAS NO.9003-39-8



Product	PVP K12	PVP K15	PVP K17	PVP K25	PVP K30	PVP K60	PVP K90	PVP K120
Appearance	White or yellowish-white ,hygroscopic powder							
K Value	10.0-13.0	12.70-17.30	15.0-18.5	22.5-27.0	27-32.5	55-65.0	85-95.0	108-130
Water%≤	5.0							
PH	3.0-5.0				4.0-7.0			
Sulfated ash%≤	0.1							
Nitrogen%	11.5-12.8							
2-pyrrolidone%≤	0.3							
Heavy Metal(Lead)≤	10							
Peroxide≤	400							

• CHARACTERISTICS

White free flowing hygroscopic powder , freely soluble in ethanol ,methanol,slightly soluble in acetone . Because of it' s solubility in water and in many organic solvents,its high binding power and ability to form complexes , soluble polivinylpyrrolidone occupies a special position among the synthetic colloids

• APPLICATIONS

Povidone has a wide range of applications in the fields of medicine and industry.
Pharmaceutical field: Povidone is one of the three major new pharmaceutical excipients advocated internationally. The most widely used is as a binder for tablets and granules. It can also be used as a glidant for capsules, a detoxifier and lubricant for eye drops, a cosolvent for injections, a dispersant for liquid preparations, and a stabilizer for enzymes and heat-sensitive drugs. Povidone can also be combined with iodine to synthesize povidone-iodine (PVP-) disinfectant. In contact lenses, PVP is used as a component of contact lenses to increase their hydrophilicity.PVP can also be used as a cryopreservative in medicine. Industrial field: Povidone can be used as surface coating agent, dispersant, thickener and adhesive in pigment, printing ink, textile, printing and dyeing, color picture tube. PVP can improve the bonding properties of adhesives to metals, glass, plastics and other materials. In addition, PVP is also widely used in emerging high-tech fields such as separation membranes, medical polymer materials, photocurable resins, photocurable coatings, optical fibers, and laser discs.