

POLYVINYL ALCOHOL 24-88 (088-50)

1. Description of Product

Appearance: White Powder on Floor **Solubility:** Stable in almost all organic solvents. Not dissolved in animal and plant oils and grease.

2. Application

Paper sizing agent

Warp sizing in textile

Adhesive

Raw material of polyvinyl alcohol panel and PVA thin film

Paint and Coatings

Medicine、cosmetic and functional materials

Emulgator and dispersing agent.

3. Specifications

- a. Hydrolysis degree: 87.0%- 89.0%
- b. Purity: $\geq 93.5\%$
- c. Viscosity: 45.0-58.0mpa.s
- d. Volatile: $\leq 5.0\%$
- e. PH: 5~7
- f. Ash: $\leq 0.5\%$

4. Storage: The material is very stable with no risk of molding and deteriorating. Under dry condition. Indefinite when protected from moisture.

5. Dissolving Method: Pouring a certain amount of water into the dissolving tank, the water temperature should be below 30 °C, then start the blender and pour into PVA slowly, the filling speed with PVA should be keep into 10 kilograms per minutes advisable. Confirm the PVA powder has fully dispersed (about 10-20 minutes) then heat the solution, and it can be completely dissolved when heat to 90 °C about 1 hour.

6. Method of analysis: Viscosity is measured in 4% aqueous solution at 20°C. By a Brookfield type viscosimeter. PH is measured in 4% aqueous solution at 20°C Ash expressed as Na₂O.