



# Technical Date Sheet

## Polyvinyl Alcohol (PVA 2488)

Items	Standard
Appearance	: White Powder
Hydrolysis degree, %	: 87-89
Viscosity, 2% solution, mPa.s	: 44-55
Volatile, %	: ≤ 5.0
pH value	: 5.0-7.0
Ash, %	: ≤ 0.5
Solubility	: Soluble in almost all organic solvents, not dissolved in animal and plant oils and grease

### Application:

Paper sizing agent  
Warp sizing in textile  
Adhesive  
Glue  
Raw material of Polyvinyl Alcohol panel and PVA thin film  
Paint & coating  
Medicine, cosmetic, and functional materials  
Emulgator and dispersing agent

### Dissolving Method:

Puring 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 10kg/min advisable. Confirm the PVA powder has been fully dispersed (about 10-20 minutes), then heat the solution, and it can be completely dissolved when heat to 90°C about 1 hour).

### Method of analysis:

Viscosity is measured in 4% aqueous solution at 20°C by a Brookfield type viscosimeter, pH value is measured in 4% aqueous solution at 20°C ash expressed as Na<sub>2</sub>O.

### Package and Storage:

25kg/Bag, 18MT/20'FCL without pallets, 17MT/20'FCL with pallets.  
The material is very stable with no risk of molding and deteriorating, Under dry condition, Indefinite when protected from moisture.