



SHANDONG FORWARD NEW MATERIAL TECHNOLOGY CO., LTD.
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FWD PVA-2488

Polyvinyl Alcohol

FWD PVA-2488 Polyvinyl alcohol PVA -2488 is high polymer with excellent characters to dissolve easily in water but not to dissolve in common organic solvent and organic acids, and with excellent film-forming property, oil resistant, chemical-resistant.

Technical Data

Property	Value	Unit
Appearance	White powder	
Hydrolysis degree	87-89	%
Purity	≥95	%
Viscosity	44.0-59.9	mPa.s
PH	5.0-7.0	
Volatile	≤5.0	%
Ash	≤0.3	%

Applications

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

Packaging

25 kg paper bags inner with PE bags.

Storage

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





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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.

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.