

Alcotex 8847 is an 88% hydrolysed polyvinyl alcohol for use in speciality applications such as vinyl acetate containing copolymer resins as well as in standard grades.

Alcotex 8847 is a high molecular weight polyvinyl alcohol giving a high colloidal stability in PVC suspension polymerisation.

Property	Typical Value	Unit	Method ¹
Appearance	White granular solid		
Viscosity @ 20°C, 4% solution	45 - 49	(mPa.s)	ATP62
Degree of Hydrolysis	86.7 - 88.7	mole%	ATP63 & ATP64
Total Solids	> 95.0	%	ATP65
Ash Content	0.5 max.	weight %	ATP66

¹ internal method based upon the specified norm

Application Advice

For detailed information, please contact the Alcotex Technical Service Team at info@synthomer.com

In most of the applications for which Alcotex 8847 is employed it is used in the form of an aqueous solution. Alcotex 8847 is first added to cold water under stirring and then heated to 85-95°C either in a water bath or by steam injection until the material is solubilised. Polyvinyl alcohol solutions may foam during stirring or pumping but this behaviour can be significantly reduced by using appropriate stirrers such as slow-speed anchor agitators or by avoiding vertical or near vertical pipe gradients.

Shipping and Storage

- 1) Alcotex 8847 should be stored indoors away from wet areas and naked flames. Ingress of moisture should be avoided to maintain product quality.
 - 2) As supplied, the product should remain fit for use for 24 months from the date of production. Beyond that date, the material may still be fit for use, but we would advise that it is good practice to test the material. As such, we advise that material stored for 12 months or more after delivery should be tested before use.
 - 3) Aqueous solutions of Alcotex 8847, if stored for long periods at elevated temperatures, are prone to mould and bacterial attack.
- Alcotex 8847 is supplied in 20 kg (nominal) paper sacks. Each sack carries the grade number and batch number.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.