

Alcotex 975 is an internally plasticized polyvinyl alcohol supplied in a solvent system of water and propan-1-ol. Alcotex 975 has a high hydrolysis level and a medium molecular weight.

For further information regarding this product please refer to:

Malcolm McInnes

Tel: +44(0)1279 436211

eMail: Malcolm.McInnes@synthomer.com

FEATURES

Ready to use solution.

Forms very flexible films when dry.

Dry films can be easily dissolved.

Very receptive to ink jet printing inks.

The dry film can be insolublised by crosslinking.

Non-ionic copolymer.

Alcotex 975 is manufactured on a dedicated polymerisation plant in Harlow, England.

Property	Typical Value	Unit	Method ¹
Appearance	Opalescent, pale yellow solution		
Solvent System	Water / Propan-1-ol		
Typical product Viscosity	5,000	mPa.s	
Total Solid Content	34.0 – 36.0	%	ATP1
Degree of Hydrolysis	93.0 – 98.0	mole%	ATP16
Residual Acetate	3.8 – 12.8	%	ATP16
Methanol Content - less than or equal to	2.0	%	ATP59
Viscosity @ 20oC, 4% soln.	4.5 – 5.5	mPa.s	ATP7

¹ internal method based upon the specified norm

Application Advice

Alcotex 975 may be poured or pumped using a wide variety of processing equipment, designed for handling flammable liquids. Care should be taken not to entrain air into the product during handling or mixing. For the preparation of high quality ink receptive coatings, further information is available in the booklet Ink Receptive Coatings Based on Alcotex.

Water soluble films, detergent bags, temporary adhesives and ink jet receivable coatings on paper and film

Shipping and Storage

Alcotex 975 contains propan-1-ol so the requirements of local legislation regarding storage of flammable materials, must be strictly observed. Alcotex 975 should be stored in sealed containers as received. In this condition the product should remain fit for use for 6 months from the date of delivery. Beyond that date, the material may still be fit for use, but we would advise that it is good practice to test the material. Alcotex 975 is supplied in 220 litre anti static plastic drums.

Product Safety

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