

Alcotex Polyvinyl Alcohols (PVOH) are specially developed to deliver excellent performance characteristics making them useful in a wide range of applications. By selection of the right PVOH grade for your specific end use application, it is possible to obtain the required performance properties such as water solubility, powder binding properties, abrasion resistance, tensile strength, adhesive and bonding properties, controlled release or resistant and flexible film forming qualities.

The physical and chemical properties of Alcotex A72.5 make it a very versatile product. It is suitable for use in a wide range of applications including coatings, packaging and films, digital imaging, reprographics, seed coatings, thermal extrusion processes such as 3D printing and in the manufacture of PVC.

For further information regarding this product please refer to:

Synthomer Alcotex

eMail: Alcotex@synthomer.com

Property	Typical Value	Unit	Method ¹
Appearance	Off white to pale yellow granules		
Ash Content	0.5 max	% as Na ₂ O	ATP33
Degree of Hydrolysis	71.5 – 73.5	mole %	ATP10
Glass Transition Temp (T _g)	64	°C	DSC
Melting Point (T _m)	160	°C	DSC
MFFT	0	°C	
Total Solid Content	>95.0	%	ATP1
Viscosity 4% solution @ 20°C	5.6 – 6.6	mPa.s	ATP7

¹ internal method based upon the specified norm

Application Advice

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

Shipping and Storage

Alcotex 72.5 should be stored away from wet areas and naked flames. Ingress of moisture should be avoided to maintain product quality.

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.

Aqueous solutions of Alcotex 72.5 is supplied in 25kg (nominal) plastic sacks. Each sack carries the grade number, batch number and net weight. Deliveries are palletised with each pallet being stretch wrapped and labelled with the relevant shipping marks. ex 72.5, if stored for long periods at elevated temperatures are prone to mould and bacterial attack.

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Product Safety

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