

TECHNICAL DATA SHEET

INDASOL PREMIUM D3 PVA

(1 of 2)

Properties:

- Meets the requirements of strain group D3 of EN 204 without addition of a catalyst
- Good resistance to static load
- Fast setting
- Long open time

Technical Data:

Specification

Property	Condition	Value	Method
Solids Content	-	47 – 49%	DIN EN ISO 3251
Viscosity, dynamic	23°C	9000 – 13000mPa's	DIN EIN ISO 2555
pH	-	2.5 – 3.5	DIN/ISO 976

GENERAL CHARACTERISTICS:

Property	Condition	Value	Method
Minimum film forming temperature	-	4°C	DIN ISO 2115
Frost resistance	-	Can be thawed after being frozen once to -10°C	Specific method
Protective colloid/emulsifier system	-	Polyvinyl alcohol	-
Appearance of the dispersion film	-	Matt	Visual
Film surface	-	Tack free	-
Glass transition temperature	-	Approx. 28°C	Specific method

These figures are only intended as a guide and should not be used in preparing specifications.



Applications: Wood-to-Wood Bonding

Application details: Can be used as raw material for water resistant wood glues.

Additional information: If the product is used in applications other than those mentioned, the choice, the processing and the use of the product is the sole responsibility of the purchaser. All legal and other regulations must be complied with.



For further information, samples and a demonstration, please contact:

 0121 556 9900  0121 556 9034  enquiry@indasol.co.uk

For our Ireland sales manager please contact us on 07795 151814

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Processing: Additional information - if the product is used in applications other than those mentioned, the choice, processing and use of the product is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

Packaging and storage:

Storage: When the dispersion is stored in tanks, proper storage conditions must be maintained. The product has a shelf life of 6 months starting from the date of receipt if stored in the original, unopened containers at temperatures between 5 and 30°C. Any longer periods for the maximum storage period that may be described in the Certificate of Analysis which accompanies each shipment of the product, take preference over this suggestion, in which case, the time period stated in the Certificate of Analysis shall be solely authoritative.

Iron or galvanized iron containers and equipment are not recommended. Corrosion could result in discoloration of the dispersion or blends made from it in further processing. We therefore recommend the use of containers and equipment made of ceramic, rubberized or enamelled materials, appropriately finished stainless steel, or plastic (rigid PVC, polyethylene or polyester resin). As polymer dispersions may tend to superficial film formation, skins or lumps may be formed during storage or transportation. A filtration process is thus recommended prior to utilisation of the product.

Preservation for Transport, Storage and further Processing:

The product is adequately preserved during transportation and storage if kept in the original, unopened containers. However, if it is transferred to storage tanks, the dispersion should be protected against microbial attack by adding a suitable preservative package. Measures should also be taken to ensure cleanliness of the tanks and pipes. In unstirred tanks, a layer of preservative containing water should be sprayed onto the surface of the dispersion to prevent the formation of unwanted skin and possible attack by microorganisms. The thickness of this water layer should be < 5 mm for low viscosity dispersions and up to 10–20 mm for high viscosity products. Proper procedures – periodic tank cleaning and sanitization – must be set up in order to prevent microbial attack. Contact your biocide representative/supplier for further plant hygiene recommendations. Measures should be taken to ensure that only clean air enters the tank when the dispersion is removed. Finished products manufactured from polymer dispersions usually also require preservation. The type and scope of preservation will depend on the raw materials used and the anticipated sources of contamination. The compatibility with other components and the efficacy of the preservative should always be tested in the respective formulation. Preservative manufacturers will be able to advise you about the type and dosage of preservative required.

Safety notes:

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. Available on request.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. Industrial Adhesive Solutions Limited shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Please contact us for further assistance and information.



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