

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 1301

*Vinyl homopolymer dispersion*



Formaldehyde-free\*

### PRODUCT APPLICATION DETAILS

ENCOR<sup>®</sup> 1301 is an homopolymer based on vinyl acetate, free from plasticizers and APE surfactants.

Drying the product over its minimum film forming temperature, a transparent and stiff polymeric film is obtained.

ENCOR<sup>®</sup> 1301 can be used for the consolidation and finishing of nonwovens, it finds also application as polymeric plasticizer for UF, MF and phenolic based formulations.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	54 - 57 %	ISO 3251
pH	4.0 - 5.0	ISO 976
Viscosity (Brookfield RVT, 20rpm, sp3) (23°C)	2000 - 3000 mPa.s	ISO 2555

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Stabilizing system	PVA	-
Glass transition temperature	39 °C	DSC
Density (23°C)	1.08 g/ml	ISO 2811
Average particle size	1300	ISO 13321

<sup>1</sup>The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

### MARKETS & APPLICATIONS

#### Coatings & Inks

- Textile & Leather Coating
  - Non Woven
  - Textile

#### Building & Construction

- Construction Materials
  - Bui Composite Fibers

#### Adhesives & Sealants

- Pressure Sensitive Adhesives
  - Self-Adhesives - Others

### PERFORMANCE BENEFITS

- Compatible with phenolics and aminoplastics
- Heat sealing compatible

# ENCOR<sup>®</sup> 1301

## FORMULATION GUIDELINES

To improve solvent resistance, external curing agent(s) can be added.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR<sup>®</sup> 1301 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

Shelf Life (Months): 6

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