

## TECHNICAL DATA SHEET

# ENCOR<sup>®</sup> 1230 S (Formerly E10043)

Acrylic dispersion



Formaldehyde-free\*

### PRODUCT APPLICATION DETAILS

ENCOR<sup>®</sup> 1230 S is a self-crosslinking APE-free acrylic dispersion. It gives a transparent, soft and tack-free film upon drying.

ENCOR<sup>®</sup> 1230 S is suitable for various textile applications, including:

- Textile coating and lamination
- Pigment printing
- Flocking

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (105°C)	58 - 60 %	ISO 3251
pH	7,5 - 8,5	ISO 976
Viscosity (Brookfield RVT, 20rpm) (23°C)	100 - 500 mPa.s	ISO 2555

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

	CHARACTERISTICS	METHODS
Stabilizing system	A / NI	-
Minimum film formation temperature	<1 °C	ISO 2115
Glass transition temperature (DSC)	0 °C	-
Density	1.08 g/ml	ISO 2811
Average particle size	250 nm	ISO 13321

\*Product formulated without formaldehyde or formaldehyde releasers. During normal conditions of use, this binder does not generate formaldehyde.

<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
  - Other Fibers

### PERFORMANCE BENEFITS

- High solids
- Excellent washing and dry cleaning resistance.
- Good foamability

## FORMULATION GUIDELINES

ENCOR® 1230 S crosslinks at a speed depending on the thermal treatment, we suggest 120°C as minimum curing temperature.

ENCOR® 1230 S does not contain open time modifiers, therefore it is suggested the addition of moisture retaining additives when the dispersion is used for long running industrial cycles.

## PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

## STORAGE AND HANDLING

ENCOR® 1230 S 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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