

ENCOR 1230 S

TEXTILE and NONWOVENS

ARKEMA COATING RESINS

Product Application details ENCOR 1230 S is a self-crosslinking, APEO free acrylic dispersion that after drying gives a transparent, soft and tack-free film.
ENCOR 1230 S is suitable for various textile applications, including:

- Textile coating and lamination
- Pigment printing
- Flocking

Performance Benefits

- Formaldehyde free¹
- High solids
- Excellent washing and dry cleaning resistance
- Good foamability

¹Product designed without formaldehyde or formaldehyde releasers. During normal conditions of use, this binder does not generate formaldehyde.

Polymer Type

- Acrylic Copolymer

Sales Specifications	Solid Content at 105°C, % (ISO 3251)	58.0 - 60.0
	pH (ISO 976)	7.5 - 8.5
	Viscosity at 23°C, mPa.s (Brookfield RVT , 20 rpm) (ISO 2555)	100 - 500

Other Characteristics²	Stabilizing system	A / NI
	Tg (DSC), °C	0
	Minimum film formation temperature, °C (ISO 2115)	<1
	Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.08
	Average Particle, nm (ISO 13321)	250

² The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

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.

Please contact your local ARKEMA technical representative to obtain dedicated information on regulatory status of this product regarding specific applications.

Storage & 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 by a bactericide in small amount but should better be kept off from accidental bacterial attack.

Under the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date.

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

See MSDS for Health & Safety Considerations.

Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

ARKEMA
INNOVATIVE CHEMISTRY