

ENCOR[®] 1736

TEXTILE & NONWOVENS

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 1736 is a thermoplastic acrylic dispersion, free from APEO surfactants and solvents. Drying the product over its minimum film forming temperature, a transparent, very rigid and tack-free film is obtained.

ENCOR[®] 1736 is well suited for heat-sealable applications and for the consolidation and finishing of nonwovens.

Performance Benefits

- Formaldehyde free¹

¹ Product 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)	49 - 51
pH (ISO 976)	7.0 - 8.0
Viscosity at 23°C, mPa.s (Brookfield RVT, 100rpm, sp2) (ISO 2555)	40 - 80

Other Characteristics²

Stabilizing system	A / NI
Tg (DSC), °C	47
Density / Specific Gravity at 23°C, g/ml (ISO 2811)	1.08
Average Particle size, nm (ISO 13321)	220 nm

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

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 1736 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.

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

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See SDS for Health & Safety Considerations.

The products described in the document are not Medical grades designated for Medical Device applications.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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