

ENCOR[®] 1741

TEXTILE & NONWOVENS

ARKEMA COATING RESINS

Product Application details

ENCOR[®] 1741 is an acrylic binder, free from APEO surfactants with a medium stiffness hand. Drying the product over its minimum film forming temperature, a transparent and tack-free film is obtained.

ENCOR[®] 1741 can be used for the chemical bonding of nonwovens as well as for technical textile applications, where it provides a clear film with a very good resistance to yellowing.

Performance Benefits

- Good water resistance with no whitening
- Good alkali resistance
- Good abrasion resistance

Polymer Type

- Acrylic Copolymer

Sales Specifications

Solid Content % (ISO 3251)	45 - 47
pH (ISO 976)	8.0 - 9.0
Viscosity at 23°C, mPa.s (Brookfield RVT, 100rpm, sp2) (ISO 2555)	40 - 100

Other Characteristics¹

Stabilizing system	A
Tg (DSC), °C	24
Density / Specific Gravity at 23°C, g/ml (ISO 2811)	1.06
Average Particle size, nm (ISO 13321)	200

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

Formulation Guidelines

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

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

ENCOR® 1741 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.

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 SDS for Health & Safety Considerations.

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

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications. Arkema has designated Medical grades to be used for Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days.

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

Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

ARKEMA
INNOVATIVE CHEMISTRY