



PRIMAL™ NW-1845K Binder

Modified Acrylic Binder for Nonwovens

Regional Product Availability

- Europe, Middle East and Africa

Description

PRIMAL™ NW-1845K Binder is an ultra low formaldehyde* acrylic binder specifically designed for cellulosic nonwovens where wet strength is required. It is intended for use with rayon, wood pulp, and blends of both, either alone or with other synthetic fibres.

PRIMAL NW-1845K Binder does not release formaldehyde during cure and, like other acrylic products, it does not contain reactive antioxidants. Therefore, nonwovens bonded with this product are useful in markets which might be sensitive to such materials. Suggested applications include diapers, medical/hospital underpads, drapes, gowns, face masks, tapes and similar products, sanitary napkins or shields, and carrier fabrics for packaged consumer products.

PRIMAL NW-1845K Binder is designed for optimum efficiency in both nonwoven production and conversion processes.

*Ultra Low formaldehyde: No formaldehyde or formaldehyde generating materials are intentionally added

Product Characteristics

- Ultra low formaldehyde
- Formulation simplicity
- Salt tolerance
- Excellent wet strength
- Soft hand
- Heat sealability
- Block resistance
- Hydrophobicity
- Low extractables
- Rapid fluid penetration
- Good surface dryness

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Appearance	Milky white liquid
Solids content	44%
pH	6.5 – 7.5
Viscosity (spindle 2 – 60 rpm)	<150 mPa.s
Tg	-19°C
Ionic Charge	Anionic
Storage Stability	Protect from freezing

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Handling Precautions	Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.
Storage	Store products in tightly closed original containers at temperatures recommended on the product label.
Disposal Considerations	<p>Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.</p> <p>It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.</p>
Product Stewardship	Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.
Customer Notice	Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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