

**BUBOND[®]
818**



Make tissue with higher wet tensile efficiency and a lower carbon footprint

Gaining improved temporary wet tensile strength does not require the loss of cost and production efficiencies or an increase in environmental impact. Bubond 818, a new additive treatment technology from Buckman, delivers improved levels of temporary wet strength that ensure your tissue products perform to specification and then readily break down after disposal. Bubond 818 product achieves a higher wet tensile efficiency using much lower dose/usage rates, enabling lower handling costs. By either measure, Bubond 818 improves your tissue performance, so that you can economically satisfy today's demanding consumers.

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Significant Dose-Rate Reduction

Applications in numerous paper mills have proved that Bubond 818 works at 20–30 percent lower dose rates (based on active solids) compared to competitive products, reducing overall handling costs. This more concentrated product costs less to ship, reducing the carbon footprint and improving the ROE (return on environment) of your tissue or towel's production cycle.

Longer Shelf Life = Shorter Problem

Bubond 818 remains stable longer in the production environment, gaining you more flexibility in planning the supply chain so you can focus more on paper and less on chemical supplies. In addition, Bubond 818 has proven to be an excellent drainage aid, which increases machine speeds, enhancing production output.

FDA Compliant

Bubond 818 is allowed by the U.S. FDA as a component of paper for food contact under 21 CFR § 176.170. Paper food-handling products made with Bubond 818 are also compliant with Europe's Bundesinstitut für Risikobewertung (BfR).

Case Study

In a one-day production trial at a large mill, using virgin fiber, the average wet tensile strength of tissue made with Bubond 818 was 12.9 percent higher than paper made with the same mill's incumbent product.

- The trial run achieved a 30 percent reduction in use rate (Bubond 818 vs. incumbent product).
- Elasticity and compressibility value improved.
- The average wet tensile results with Bubond 818 have increased by 20% over what was previously achievable with the incumbent product.
- Dispersability results were maintained within acceptable parameters.



Learn More

Buckman offers a full range of strength resins which will improve cost-efficiency, and resolve production and quality issues by enabling you to meet strength requirements cost effectively. Find out more about the Buckman Bubond 818 solution. Contact your local Buckman representative, or visit us online at buckman.com.

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Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. A984H (12/18)

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