

MAXIMYZE[®]



**More Strength
More Softness**

Get the most out of your fiber with Maximize[®]

**Gain the flexibility you need to control quality and cost with
Buckman Maximize solutions.**

Whether you want to lower your operational costs, increase tissue quality, or both, fiber modification enzyme technology from Buckman can help you reach your goals and be more competitive. Maximize conditioning gets the most out of your fiber mix, allowing you to use less expensive fibers, save energy and other costs, and gain a new level of flexibility you just can't get with traditional chemistries.

Buckman Maximize[®] technology expands the fibers... and your control over them.

Our Maximize enzymes products are engineered to treat specific fiber types, opening up tissue fibers for optimal performance so less refining energy is required to achieve the required specifications. That opens up all sorts of possibilities in how you make tissue.

Improve tissue quality

Maximize technology can help increase fiber bulk, tensile strength, and softness to enhance the quality of your creped products.

Reduce your fiber costs

With Maximize technology, you can reduce or eliminate costly virgin fiber from your mix. And you can replace 10–40% of your softwood with less expensive fibers and still achieve the quality you expect.

Save energy and other costs

Maximize technology from Buckman significantly reduces the refining energy required and can eliminate the need for dry strength resins.

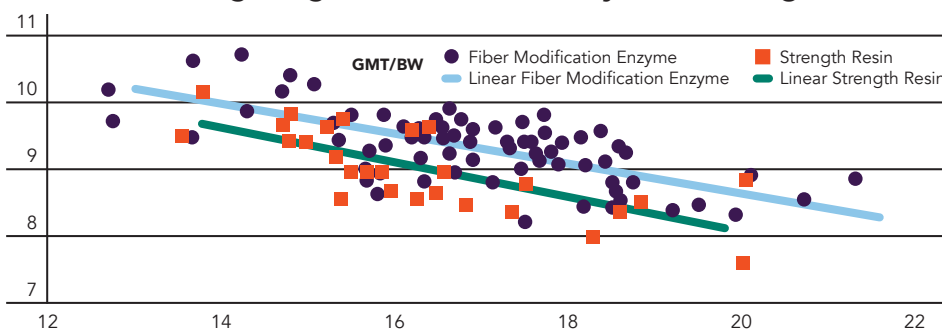
Improve your process

- Reduce Yankee drying load
- Eliminate starch usage
- Reduce fines loading
- Enhance runnability
- Reduce dusting tendency

Learn more

Get the flexibility you need to control quality, cost, and a bigger share of the market. Find out more about Buckman's Maximize technology. Contact your local Buckman representative, or visit us online at buckman.com.

Bulk vs. Breaking Length: Buckman Maximize vs. Strength Resin



Mill A has completely replaced its dry strength resin with Buckman Maximize, reducing refining needs and increasing bulk-to-tensile strength by an average of 3.5%. As a result, it has reduced basis weight, saving money in fiber costs.

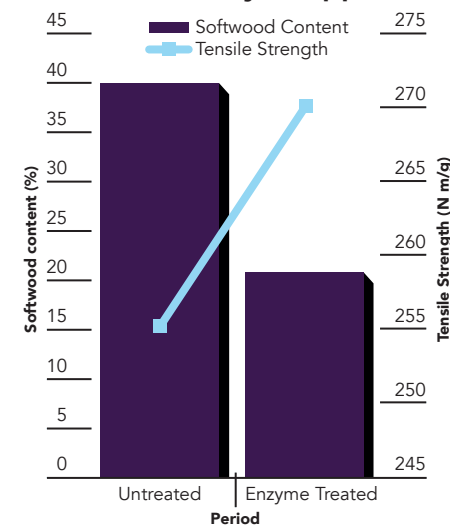
Case studies

A tissue/towel mill, which had formerly used 100% virgin fiber mixes and 100 kWh/ton of refiner energy, uses Buckman Maximize technology to eliminate starch usage, reduce softwood usage from 60% of the sheet to 50%, and reduce refining energy by 20 kWh/ton. As a result, the mill has realized a better bulk to basis weight ratio, better first pass retention, and improved runnability.

With Maximize technology a mill has moved from using 40% virgin softwood to 100% recycled fiber—a tremendous cost savings.

One of our clients has been able to eliminate starch usage (from 5.0 kg/ton to zero) and reduce refining energy by 15 kW/ton, while maintaining strength targets.

Buckman Maximize Application



Mill B has reduced their softwood content by 50%. At the same time, the tensile strength has increased by more than 5%. The resulting fiber cost savings has made the mill more cost competitive in the market.



Scan the QR code to see how this product works on fiber.

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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. A870H (10/18)

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