CHT

SMART CHEMISTRY
WITH CHARACTER.

CHT ENZYME TECHNOLOGY

www.cht.com

SMART REFINING WITH SUSTAINABLE ENZYMES

Paper and cardboard is used all over the world and omnipresent in our daily routine. To contribute to a more sustainable paper production, CHT offers a wide range of enzyme products tailored to your needs.

TECHNOLOGY

Over the course of 10 years CHT has developed multiple enzyme generations with tailormade properties for the respective paper and pulp grades. CHT enzymes can be used for the treatment of various fiber raw materials and improve the fibrillation at the lowest water retention without mechanically straining the fiber. Depending on the application, they provide several advantages e.g.:

- Faster drainage
- Reduction of mechanical refining energy
- Improved mechanical properties of the paper/board

CHT enzymes can be applied in packaging and tissue mills treating both virgin and recycled fibers.

In 2020, CHT enzymes saved approximately 13.000 MWh of energy in the paper industry. This energy could supply around 4.300 family homes per year in Germany.

QUIMIZIME & ZIAX

- Special cellulase blends
- Concentrated products
- Compliant with BfR XXXVI

APPLICATION FIELDS AND DETAILS

- Recycled and virgin fibers
- Packaging and tissue industry
- Dosing point: Pulper, mixing chest
- Minimum retention time: 20 minutes
- pH range: 4.0 – 8.0, T = 35 – 60 °C

CHECK MORE

Further information on our website

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