

PRE-TREATMENT & FWA'S

TANAZYM LTC 01

Versatile and robust
enzymatic desizing agent

TANAZYM LTC 01

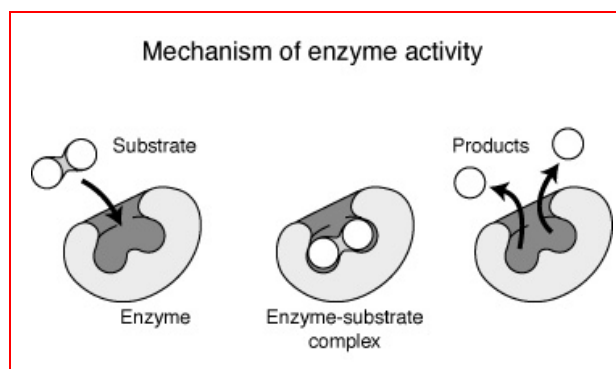
TANAZYM LTC 01 is a versatile enzyme-based desizing agent for the removal of starch and other synthetic sizing agents.

TANAZYM LTC 01 has a number of general technical advantages compared to straight α -Amylase enzymes.

- * Very stable and robust enzyme formulation, stable and effective in wide pH-range. pH-fluctuations have no effect on its performance.
- * Its stability forms a guarantee for successful desizing during a combined demineralization with sequestering agents (PLEXENE® PREP 01
- * Its special surfactant technology makes TANAZYM LTC 01 a unique enzyme product with additional wetting and scouring properties.
- * Synthetic sizes, such as CMC, PVA, Polyacrylates and chemically modified starches are also removed by this special detergent-engineering. The total size elimination is better.
- * TANAZYM LTC 01 can be applied in pad-batch desizing, full continuous desizing as well as pad steam desizing procedures.
- * TANAZYM LTC 01 is stable in presence of reducing agents. The use of e.g. 1-2 ml/l TANEDE® LR improves the elimination of iron ions.

- * A cleaner fabric after the desizing step improves the subsequent bleaching operation, resulting in a better hydrophilicity and whiteness.
- * Post desizing is possible by dosing the TANAZYM LTC 01 in the wash-off either before or even during the neutralization step with acid (e.g. TANACID® NAC).

Mechanism of enzyme activity



Guide Recipe for Pad-batch desizing:

- * 4 - 8 ml/l TANAZYM LTC 01
- * 4 - 8 ml/l PLEXENE® PREP 01

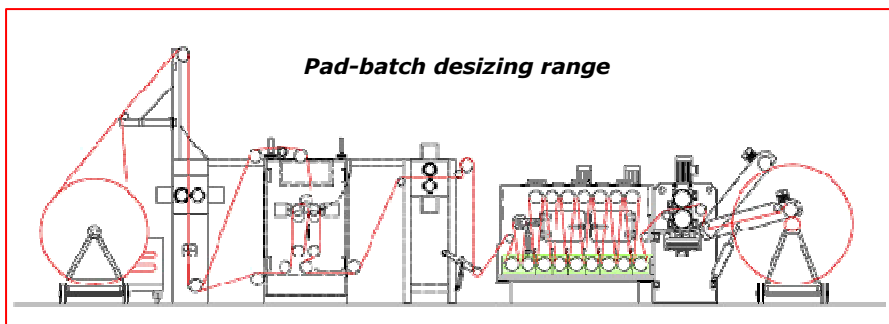
Padding temperature: 60°C - 80°C

Liquor pick-up: 80 - 90 %

Batching time: 1 - 4 hours

Washing-off at over 90°C if possible

Pad-batch desizing range



TANATEX®
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