

KAPPAZYM MT

Enzymatic desizing agent for medium temperature range of 60 – 90 °C

Chemical composition	alpha-amylase
Appearance	clear yellow liquid
pH-value 20 °C	approx. 6.0 (product)
Density 20 °C (g/ml)	approx. 1.1
Ionic charge	nonionic

Function

KAPPAZYM MT is especially suitable for the enzymatic desizing of starch-sized fabrics in a temperature range of 60 to 90 °C.

The following parameters are important for the desizing process:

Temperature: optimal activity 60 - 90 °C

pH-value: optimal activity and stability pH 5.5 - 7.5

Wetting agents/stabilizers: Addition of Ca-salts for stabilization is not necessary and it is compatible with most wetting agents commonly used in the desizing process.

Application

KAPPAZYM MT is suitable for continuous (e. g. j-box) as well as for discontinuous desizing processes (e. g. jig, winch, jets).

Winch

- 1.0 – 2.0 ml/l KAPPAZYM MT
- treatment time: approx. 30 minutes
- temperature: 75 – 85 °C

Jig

- **2.0 – 3.0 ml/l KAPPAZYM MT**
- treatment time: min. 30 minutes (4 – 6 ends)
- temperature: 75 – 85 °C

Continuous process (e.g. j-box)

- **1.0 – 2.0 ml/l KAPPAZYM MT (referring to dry-to-wet padding process)**
- treatment time: 10 – 20 minutes
- temperature: 75 – 85 °C

Sequence of chemicals addition: Wetting agent, adjustment of pH (5.5 – 7.5), KAPPAZYM MT Treatment

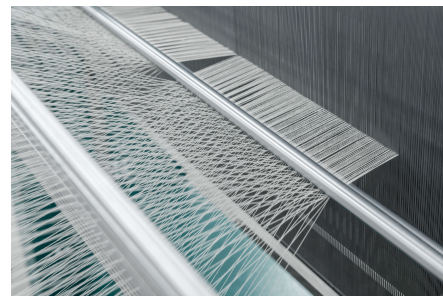
Rinse thoroughly after desizing to remove decomposition products.

Dilution instruction

KAPPAZYM MT can be diluted with water at any ratio. The product can also be added directly to the liquor.

Contact

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Storage

KAPPAZYM MT generally maintains its declared activity for at least 3 months if stored properly and at a temperature of 25 °C in a tightly closed original container. Longer storage above 30 °C, should be avoided.