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

CHEMICAL-PHYSICAL DATA
Chemical composition: alpha-amylase
Appearance: clear yellow liquid
pH-value 20 °C (product): approx. 6.0
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 |

Continue 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, padding or dwell temperature: 75 – 85 °C
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.

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 container. Longer storage above 30 °C, should be avoided.