KAPPALINK SET 55
Self-catalysing crosslinker system

CHEMICAL-PHYSICAL DATA
Chemical composition: modified dimethyl dihydroxy ethylene urea (DMDHEU)
Appearance: clear, slightly viscous liquid
pH-value 20 °C (product): 2 - 3
Density 20 °C (g/ml): approx. 1.25

FUNCTION
KAPPALINK SET 55 is a concentrated, modified crosslinking agent with integrated catalyst for cotton, linen, viscose and lyocell fibres.
KAPPALINK SET 55
- has a very low formaldehyde content.
- is suitable for finishing according to Ökotex 100.
- can be applied for no-iron finish, so-called wash and wear finish.
- is suitable for garment curing.
- shows low loss of tensile strength.
- has only little effect on the shade of dyed textile material.

APPLYATION
Pad process:
100 % cotton (shirting and blouse fabrics)

| 1 g/l acetic acid |
| 30 – 60 g/l KAPPALINK SET 55 |
| 10 – 20 g/l KAPPASOFT N |
| 5 – 10 g/l KAPPASOFT MC 79 |

liquor pick-up: 60 – 80 %
drying: 100 – 120 °C
condensation: 150 – 160 °C, 2 – 3 minutes

Drum washing machine (so-called dip/spin process):

| 80 g/l KAPPALINK SET 55 |
| 15 – 30 g/l KAPPASOFT N |
| 10 – 20 g/l KAPPASOFT MC 79 |

liquor pick-up: 90 – 100 %
treatment time: 10 – 15 minutes
temperature: 25 – 35 °C
pH-value: 4 – 5, adjust with acetic acid

Dry goods on residual moisture, then condensate at 140 – 160 °C for 5 – 10 minutes.
The pH-value of the basic material must be neutral before the treatment.

Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

DILUTION INSTRUCTION
KAPPALINK SET 55 can be easily diluted with cold water. Alkaline process water must be neutralised before KAPPALINK SET 55 is added.

STORAGE
KAPPALINK SET 55 remains stable for at least 9 months if stored properly and at a temperature of 20 °C in a tightly closed container.