

KAPPALINK SET 55

Self-catalysing crosslinker system

Chemical composition	modified dimethyl dihydroxy ethylene urea (DMDHEU)
Appearance	clear, slightly viscous liquid
pH-value 20 °C	2 - 3
Density 20 °C (g/ml)	approx. 1.25
Ionic charge	nonionic

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.

Application

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.

When using the products, the precautionary measures applicable to the handling of chemicals must be observed. For storage and hazard information as well as safety advice, please refer to the relevant safety data sheets. Application solutions and product residues must be disposed of in accordance with official regulations. The listed instructions correspond to our previous experience. However, in view of the different operating conditions, only non-binding information and advice can be given. Therefore, we cannot accept any liability whatsoever, including liability for claims by third parties. Errors, changes and misprints excepted. Non-binding product information, print date Feb 14, 2022, not subject to systematic change.

Contact

KAPP Chemie
 info@kapp-chemie.com
 +49 / 6772 / 9311-0



KAPP-CHEMIE GmbH & Co. KG
 Industriestraße 2-4
 56357 Miehlen
 www.kapp-chemie.com

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 original container.