

KAPPALINK SET 55 ECO

Self-catalysing formaldehyde-free crosslinker system

Chemical composition	formaldehyde-free imidazolinon-derivative with integrated catalyst system
Appearance	colourless up to light yellow, clear aqueous solution
pH-value 20 °C	approx. 3.0 (product)
Density 20 °C (g/ml)	approx. 1.1 – 1.2
Ionic charge	nonionic

Function

KAPPALINK SET 55 ECO is a concentrated, modified crosslinking agent with integrated catalyst for cellulosic fibres and blends with synthetic fibres

KAPPALINK SET 55 ECO

- can be applied for easy-care and non-iron finish
- is formaldehyde-free
- has a good liquor stability.
- is suitable for uncoloured and coloured fabrics
- shows a good washing permanence with pleasant handle
- needs no special catalyst
- is compatible with all auxiliaries used in high finishing
- is methanol-free

Application

Padding process:

100 % cotton (shirting and blouse fabrics)

- 1 g/L acetic acid
- 80 - 120 g/L KAPPALINK SET 55 ECO
- 10 - 20 g/L KAPPASOFT N 69
- 10 - 30 g/L KAPPASOFT ME 71
- please dilute KAPPALINK SET 55 ECO with water before use
- liquor pick-up: 60 – 80 %
- drying: 120 – 140 °C
- condensation: 150 °C, 3 - 5 minutes
- pH-value: 4 – 5, adjust with acetic acid

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

- 80 - 100 g/L KAPPALINK SET 55 ECO
- 15 - 30 g/L KAPPASOFT N 69
- 15 - 35 g/L KAPPASOFT ME 71
- liquor pick-up: 90 – 100 %
- treatment time: 10 – 15 minutes
- temperature: 25 – 35 °C
- pH-value: 4 – 5, adjust with acetic acid

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 Jun 21, 2023, not subject to systematic change.

Contact

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Standards (further on request)

- GOTS
- OEKOTEX Standard 100
- ZDHC

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Dry goods on residual moisture, then cure at 130 – 140 °C for 3 – 5 minutes. The pH-value of the basic material must be neutral before treatment.

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

Dilution instruction

KAPPALINK SET 55 ECO can be easily diluted with cold water. Alkaline process water must be neutralized before KAPPALINK SET 55 ECO is added.

Storage

KAPPALINK SET 55 ECO remains stable for at least 6 months if stored properly and at a temperature of 20 °C in a tightly closed original container. At lower temperatures and longer storage times a partial crystallisation is possible. It is soluble by heating the product without impairment of the effect.