

# KAPPASOFT NF

## Semi permanent softener

Chemical composition	polysiloxan compound (silicone micro emulsion)
Appearance	slightly opaque liquid
pH-value 20 °C	5 – 7 (product)
Density 20 °C (g/ml)	approx. 1.0
Ionic charge	nonionic / weakly cationic

### Function

KAPPASOFT NF is a softener for woven and knitted fabrics and garments made of natural and synthetic fibres as well as their blends.

#### KAPPASOFT NF

- generates excellent soft, smooth handle with core softness.
- has a high yellowing resistance.
- improves sewability.
- increases abrasion resistance and tear resistance.
- minimises creasing tendency and pilling formation.
- has antistatic properties.
- is particularly suitable for articles made of OE yarns.
- has a very good emulsion stability (suitable for WEKO-machines).
- has a good compatibility with resin finishes.
- has a good stability in drum washing machines.

### Application

KAPPASOFT NF is suitable for all kind of fibres and can be applied in padding as well as in exhaustion processes. It has to be considered that the fabric is not alkaline before finishing, as this could lead to precipitations.

#### Recommended application levels:

##### Exhaustion process

- 0.5 – 2 % KAPPASOFT NF
- 1 g/l Acetic acid 60 %
- liquor ratio: 10:1
- treatment time: 10 – 20 minutes
- temperature: max. 40 °C
- pH-value: 4 – 5

To stabilise the liquor, the following should be added to the drum washing machine:

- 0.5 – 2 % KAPPASOFT KH

##### Padding process

- 10 - 30 g/l KAPPASOFT NF
- 1 g/l Acetic acid 60 %

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 17, 2022, not subject to systematic change.

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## Dilution instruction

KAPPASOFT NF can be diluted with cold water.

## Storage

KAPPASOFT NF remains stable for at least 6 months if stored properly in a tightly closed container.

Do not expose to frost!