

# KAPPASOFT S

## Nonionic softener

Chemical composition	fatty acid derivative
Appearance	white-beige liquid
pH-value 20 °C	3 - 6 (product)
Density 20 °C (g/ml)	approx. 1.0 (product)
Active content (%)	approx. 20
Ionic charge	nonionic

### Function

KAPPASOFT S is a nonionic softener for woven and knitted fabrics of all types of fibres as well as for garments.

#### KAPPASOFT S

- gives a full, soft and supple handle.
- can be used in finishing liquors.
- shows no yellowing up to 180 °C.
- is resistant to acids and alkalis as well as to water hardness in usual concentrations.
- is compatible with optical brighteners, dyes and finishing agents, anionic, cationic and nonionic products.
- is stable to chlorine bleach.

### Application

KAPPASOFT S can be applied as

- finishing agent for all making-ups of textile material and in all application processes.
- softening component in resin finishing.
- crease preventing agent in all bleaching and dyeing processes, even under high temperature conditions.

#### Recommended application levels:

##### Exhaustion process

- 1.0 – 3.0 % KAPPASOFT S
- Treatment time: 20 – 30 minutes
- Temperature: 30 – 40 °C
- pH-value: 4.4 – 5.5 adjust with acetic acid

##### Padding process

- 10 – 30 g/l KAPPASOFT S

### Dilution instruction

KAPPASOFT S can be emulsified with cold water at any ratio.

### Contact

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## Storage

KAPPASOFT S remains stable for at least 1 year if stored properly at room temperature in a tightly closed container.

Do not expose to frost!