KAPP-CHEMIE
TISSUE TEXTIL
SERVICES

KAPPASOFT NWS

Nonionic softener

Chemical composition	preparation of fatty acid derivative with polyethylene wax and polysiloxane
Appearance	white-beige emulsion
pH-value 20 °C	3 - 6 (product)
Density 20 °C (g/ml)	approx. 1.0
Ionic charge	nonionic

Contact

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Function

KAPPASOFT NWS is suitable for all types of fibres.

KAPPASOFT NWS

- imparts softness and a highly smooth surface.
- shows excellent hydrophilic properties.
- improves the sewability.
- does not cause yellowing of the fibre material even at temperatures up to 180 °C & does not cause yellowing during storage.
- can be used in resin finishing liquors.

Application

KAPPASOFT NWS is suitable for exhaustion as well as for padding processes.

Recommended application levels:

Exhausting process

- 1.0 – 4.0 % KAPPASOFT NWS

- pH-value: 5.0 – 6.0
- Liquor temperature: 40 °C maximum
- Treatment time: 20 – 30 minutes

Padding process

- 5.0 – 20.0 g/l KAPPASOFT NWS
- 0.5 – 1.0 g/l acetic acid 60 %

- pH-value: 5.0 – 6.0
- Liquor temperature: 40 °C maximum
- Drying: 100 – 170 °C

Dilution instruction

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

Storage

KAPPASOFT NWS remains stable for at least 1 year when stored properly and at room temperature in a tightly closed container.
Protect against frost!

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