KAPPASOFT NW
Nonionic softener

CHEMICAL-PHYSICAL DATA
Chemical composition: fatty acid derivative with polyalkylene additive
Appearance: white-beige emulsion
pH-value 20 °C (product): 4.5 - 7.5
Density 20 °C (g/ml): approx. 1.0
Ionic charge: nonionic

FUNCTION
KAPPASOFT NW is a softener suitable for all types of fibres.

KAPPASOFT NW
- gives softness and high surface smoothness.
- is low foaming.
- causes no yellowing of the fibre material even at temperatures up to 180 °C.
- has a good evaporation resistance under condensation conditions.
- is compatible with optical brighteners, dyes and finishing agents.
- is suitable as additive for resin finishing liquors.

APPLICATION
KAPPASOFT NW can be applied as
- finishing agent for all making-ups of textile material and all application processes.
- softening component in resin finishing.
- emerising lubricant for woven fabrics of cotton, viscose and their blends.

Recommended application levels:

Exhaustion process

<table>
<thead>
<tr>
<th>0.5 – 2.5 % KAPPASOFT NW</th>
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<tbody>
<tr>
<td>Treatment time: 20 – 30 minutes</td>
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<tr>
<td>Temperature: 40 - 50 °C</td>
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<tr>
<td>pH-value: 4 – 5 (acetic acid)</td>
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Padding process

<table>
<thead>
<tr>
<th>10 - 40 g/l KAPPASOFT NW</th>
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<tr>
<td>1 ml/l acetic acid 60 %</td>
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DILUTION INSTRUCTION
KAPPASOFT NW can be emulsified with cold water at any ratio.

STORAGE
KAPPASOFT NW remains stable for at least 1 year if stored properly and at room temperature in a tightly closed container.
Do not expose to frost!