KAPPASOFT N
Nonionic softener

CHEMICAL-PHYSICAL DATA
Chemical composition: fatty acid derivative
Appearance: white-beige liquid
pH-value 20 °C (product): 3.0 – 6.0
Density 20° C (g/ml): approx. 1.0
Active content (%): approx. 20
Ionic charge: nonionic

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

<table>
<thead>
<tr>
<th>1.0 – 3.0 %</th>
<th>KAPPASOFT N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment time: 20 – 30 minutes</td>
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<tr>
<td>Temperature: 30 – 40 °C</td>
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<tr>
<td>pH-value: 4.4 – 5.5 adjust with acetic acid</td>
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</tbody>
</table>

Padding process

<table>
<thead>
<tr>
<th>10 – 30 g/l</th>
<th>KAPPASOFT N</th>
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DILUTION INSTRUCTION
KAPPASOFT N can be emulsified with cold water at any ratio.

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

This information is based on results obtained in laboratory and industrial usage. No obligations can be derived therefrom. Potential existing rights of protection are to be considered.
For further and updated data sheets see www.kapp-chemie.com.

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