KAPPASOFT S
Nonionic Softener/Textile Finishing Agent

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 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

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

Padding process

<table>
<thead>
<tr>
<th>10 – 30 g/l</th>
<th>KAPPASOFT S</th>
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</table>

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

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!