KAPPASOFT YL
Cationic Softener/Textile Finishing Agent

CHEMICAL-PHYSICAL DATA
Chemical composition: preparation of wax and fatty acid derivative with polyethylene and polysiloxane
Appearance: white-beige emulsion
pH-value 20 °C (product): approx. 5.0
Density 20 °C (g/ml): approx. 1.0
Ionic charge: cationic

FUNCTION
KAPPASOFT YL is suitable for all types of fibres.
KAPPASOFT YL
- imparts softness and a highly smooth surface.
- 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 YL is suitable for exhaustion as well as for padding processes.

Recommended application levels:

Exhausting process

<table>
<thead>
<tr>
<th>1.0 – 4.0 % KAPPASOFT YL</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH-value:</td>
</tr>
<tr>
<td>Liquor temperature:</td>
</tr>
<tr>
<td>Treatment time:</td>
</tr>
</tbody>
</table>

Padding process

<table>
<thead>
<tr>
<th>5 – 20 g/l KAPPASOFT YL</th>
<th>0.5 – 1 g/l Acetic acid 60 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH-value:</td>
<td>5.0 – 6.0</td>
</tr>
<tr>
<td>Liquor temperature:</td>
<td>40 °C maximum</td>
</tr>
<tr>
<td>Drying:</td>
<td>100 – 170 °C</td>
</tr>
</tbody>
</table>

DILUTION INSTRUCTION
KAPPASOFT YL can be emulsified with cold water at any ratio.
Stir before use!

STORAGE
KAPPASOFT YL remains stable for at least 6 months when stored properly and at room temperature in a tightly closed container.
Protect against frost!