KAPPASOFT NF
Silicon Softener/Textile Finishing Agent

CHEMICAL-PHYSICAL DATA
Chemical composition: polysiloxan compound (silicone micro emulsion)
Appearance: slightly opaque liquid
pH-value 20 °C (product): 5 – 7
Density 20 °C (g/ml): approx. 1.0
Ionic charge: nonionic / slightly cationic

FUNCTION
KAPPASOFT NF is a softener for woven and knitted fabrics and garments made of natural and synthetic fibres as well as their blends.
KAPPASOFT NF
- generates excellent soft, smooth handle with core softness.
- has a high yellowing resistance.
- improves sewability.
- increases abrasion resistance and tear resistance.
- minimises creasing tendency and pilling formation.
- has antistatic properties.
- is particularly suitable for articles made of OE yarns.
- has a very good emulsion stability (suitable for WEKO-machines).
- has a good compatibility with resin finishes.
- has a good stability in drum washing machines.

APPLICATION
KAPPASOFT NF is suitable for all kind of fibres and can be applied in padding as well as in exhaustion processes. It has to be considered that the fabric is not alkaline before finishing, as this could lead to precipitations.

Recommended application levels:

Exhaustion process

<table>
<thead>
<tr>
<th>0.5 – 2 %</th>
<th>KAPPASOFT NF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 g/l</td>
<td>Acetic acid 60 %</td>
</tr>
</tbody>
</table>

liquor ratio: 10:1
treatment time: 10 – 20 minutes
temperature: max. 40 °C
pH-value: 4 – 5

To stabilise the liquor, the following should be added to the drum washing machine:

| 0.5 – 2 % | KAPPASOFT KH |

Padding process

<table>
<thead>
<tr>
<th>10 - 30 g/l</th>
<th>KAPPASOFT NF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 g/l</td>
<td>Acetic acid 60 %</td>
</tr>
</tbody>
</table>

Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

DILUTION INSTRUCTION
KAPPASOFT NF can be diluted with cold water.

STORAGE
KAPPASOFT NF remains stable for at least 6 months if stored properly in a tightly closed container. Do not expose to frost!