**Technical Data Sheet**

**KAPPASOFT SM**  
Softener

**CHEMICAL-PHYSICAL DATA**

- **Chemical composition:** polysiloxane compound (silicone micro emulsion)
- **Appearance:** transparent, slightly opal liquid
- **pH-value 20 °C (product):** approx. 5.0
- **Density 20 °C (g/ml):** approx. 1.0
- **Ionic charge:** nonionic

**FUNCTION**

KAPPASOFT SM is a permanent softener for all kind of piece goods, which imparts an exceptional softness with high recovery rate.

KAPPASOFT SM
- gives an excellent soft, smooth handle.
- has a high yellowing resistance.
- improves the sewability.
- increases the abrasion resistance and tensile strength.
- reduces the crease tendency and pilling formation.
- provides antistatic properties.
- is especially suitable for articles made of OE-yarns.
- has a very good emulsion stability (suitable for spray application on WEKO-machines).
- has a good compatibility with resin finishes.
- is compatible with optical brighteners.

**APPLICATION**

KAPPASOFT SM is suitable for all kind of fibres and can be applied in padding as well as in exhaustion processes.

**Recommended application levels:**

**Exhaustion process**

<table>
<thead>
<tr>
<th>2 – 3 %</th>
<th>KAPPASOFT SM</th>
</tr>
</thead>
<tbody>
<tr>
<td>treatment time:</td>
<td>20 – 30 minutes</td>
</tr>
<tr>
<td>temperature:</td>
<td>40 °C</td>
</tr>
<tr>
<td>pH-value:</td>
<td>5 – 6</td>
</tr>
</tbody>
</table>

**Padding process**

| 10 – 30 g/l | KAPPASOFT SM |

**DILUTION INSTRUCTION**

KAPPASOFT SM can be diluted with water.

**STORAGE**

KAPPASOFT SM remains stable for 1 year if stored properly and at a temperature of max. 50 °C in a tightly closed container.  
Do not expose to frost!