KAPPASOFT SM conc.
Silicon Softener/Textile Finishing Agent

CHEMICAL-PHYSICAL DATA
Chemical composition: polysiloxane compound (silicone microemulsion)
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 conc. is a high-concentrated, permanent softener for all types of piece goods which imparts an exceptional softness with high recovery rate.

- 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.
- has a good compatibility with resin finishes.
- is compatible with optical brighteners.

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

Recommended application levels:

<table>
<thead>
<tr>
<th>Exhaustion process</th>
<th>1 – 2.5 % KAPPASOFT SM conc.</th>
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</thead>
<tbody>
<tr>
<td>Treatment time</td>
<td>20 – 30 minutes</td>
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<tr>
<td>Temperature</td>
<td>40 °C</td>
</tr>
<tr>
<td>pH-value</td>
<td>5 – 6</td>
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</table>

| Padding process    | 5 – 20 g/l KAPPASOFT SM conc. |

DILUTION INSTRUCTION
KAPPASOFT SM conc. can be diluted with water.

STORAGE
KAPPASOFT SM conc. remains stable for 6 months if stored properly and at a temperature of max. 50 °C in a tightly closed container. Do not expose to frost!