KAPPASOFT HMS
Hydrophilic silicone softener

CHEMICAL-PHYSICAL DATA
Chemical composition: modified silicone elastomer
Appearance: clear to slightly yellowish liquid
pH-value 20 °C (product): 5.0
Density 20 °C (g/l): 1.0
Ionic charge: cationic

FUNCTION
KAPPASOFT HMS is especially designed for finishing of woven and knitted fabrics like cotton, wool and blends of natural and synthetic fibres.
KAPPASOFT HMS
- has excellent hydrophilic properties.
- imparts a smooth and soft handle.
- improves the sewing and antistatic properties on fibres.
- does not cause yellowing.

APPLICATION
KAPPASOFT HMS is a microemulsion, applied by padding, exhausting or by spraying (Weko).
The dosage depends on the processing system. Preliminary trials are recommended.
Recommended application levels:

<table>
<thead>
<tr>
<th>Exhaustion process</th>
<th>2 – 4 % KAPPASOFT HMS</th>
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</thead>
<tbody>
<tr>
<td>treatment time:</td>
<td>20 – 30 minutes</td>
</tr>
<tr>
<td>temperature:</td>
<td>40 – 45 °C</td>
</tr>
<tr>
<td>pH-value:</td>
<td>5.0 – 5.5</td>
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</tbody>
</table>

Padding process

<table>
<thead>
<tr>
<th>10 - 30 g/l KAPPASOFT HMS</th>
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<tr>
<td>Drying at 120 °C.</td>
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</table>

DILUTION INSTRUCTION
KAPPASOFT HMS can be mixed with cold or warm water at any ratio.

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