KAPPASOFT KH
Cationic softener for all natural and synthetic fibres as well as their blends

CHEMICAL-PHYSICAL DATA
Chemical composition: fatty acid condensation product
Appearance: light beige to white, pasty emulsion
pH-value 20 °C (product): approx. 3.0
Density 20 °C (g/ml): approx. 1.0
Ionic charge: cationic

FUNCTION
KAPPASOFT KH
- imparts a soft, smooth handle.
- has a good antistatic effect, especially on synthetic fibres.
- shows good thermostability and a very low yellowing tendency up to a drying temperature of 150 °C.
- has a comparatively independent effect on the pH.
- has a high exhaustion capacity.
- improves sewability and cutting as well as ironing of textiles.
- has no negative influence on colour fastnesses.
- can be combined with nonionic and cationic auxiliaries.

APPLICATION
KAPPASOFT KH offers a wide range of application:
- for the handle-finishing of textiles made of natural or synthetic fibres as well as their blends.
- for all types of make-up of textiles.
- application in exhaustion as well as in padding processes.
- as softener in the resin finish.
- as softener in the dye liquor when dyeing PAC-fibres.
- for the final finishing of jeans ready-to-wear.
- is especially suitable for application on drum washing machines due to its high substantivity.

Recommended application levels:
Exhaustion process (e.g. washing machine):

<table>
<thead>
<tr>
<th>Treatment Level</th>
<th>Treatment Parameters</th>
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<tbody>
<tr>
<td>0.5 – 4.0 % KAPPASOFT KH</td>
<td>Approx. 20 minutes, 40 – 50 °C, pH 4.0 – 5.0, adjust with acetic acid</td>
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</tbody>
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Padding process

<table>
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<tr>
<td>10 – 30 g/l KAPPASOFT KH</td>
<td>1 g/l acetic acid</td>
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DILUTION INSTRUCTION
KAPPASOFT KH can be mixed with cold or warm water at any ratio.

STORAGE
KAPPASOFT KH remains stable for at least 1 year if stored properly and at room temperature in a tightly closed container.
Do not expose to frost!