KAPPASOFT MC 79
Concentrated softener

CHEMICAL-PHYSICAL DATA
Chemical composition: polysiloxan compound (silicone microemulsion)
Appearance: clear, slightly opaque liquid
pH-value 20 °C (product): approx. 6.0
Density 20 °C (g/ml): approx. 1.0
Ionic charge: nonionic / slightly cationic

FUNCTION
KAPPASOFT MC 79 is a concentrated softener for woven and knitted fabrics and garments made of natural and synthetic fibres as well as their blends.

KAPPASOFT MC 79
- generates an 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 MC 79 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>Concentration</th>
<th>Detergent</th>
<th>Acetic acid 60 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3 – 1 %</td>
<td>KAPPASOFT MC 79</td>
<td>1 g/l</td>
</tr>
<tr>
<td>1 g/l</td>
<td></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:

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Detergent</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 – 2 %</td>
<td>KAPPASOFT KH</td>
</tr>
</tbody>
</table>

Padding process

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Detergent</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 10 g/l</td>
<td>KAPPASOFT MC 79</td>
</tr>
<tr>
<td>1 g/l</td>
<td></td>
</tr>
<tr>
<td></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 MC 79 can be diluted with cold water. Ideal is to work with a 20 % stock dilution, which should be prepared with soft water.

STORAGE
KAPPASOFT MC 79 remains stable for at least 6 months if stored properly in a tightly closed container. Do not expose to frost!

This information is based on results obtained in laboratory and industrial usage. No obligations can be derived therefrom. Potential existing rights of protection are to be considered.

For further and updated data sheets see www.kapp-chemie.com.

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