KAPPAPHOB CNB 6
Ecologically optimized fluorocarbon polymer emulsion with a cross-linking agent

CHEMICAL-PHYSICAL DATA
Chemical composition: aqueous fluorocarbon polymer emulsion with a cross-linking agent
Appearance: white emulsion
pH-value 20 °C (product): approx. 4
Density 20 °C (g/ml): approx. 1.05
Solid content (%): approx. 25
Ionic charge: cationic

FUNCTION
KAPPAPHOB CNB 6 is especially suitable for synthetic fibres, e. g. polyamide, polyester, nomex and aramid. The product has excellent water and oil repellent effects and a very good washing and dry cleaning resistance.
KAPPAPHOB CNB 6 is a fluorocarbon which does not contain any verifiable perfluoro octane acids, perfluoro octane sulfonic acids or other parts of a perfluorinate chain length over 6 C-atoms.

APPLICATION
KAPPAPHOB CNB 6 can be applied by dip coating, coating, foaming or other methods depending on the fabric conditions.
For the application in spraying processes suitable exhaust devices and corresponding spray devices are necessary and the security advices must be observed.
The fabric to be finished must be free of detrimental substances (e. g. residual alkali, sizing agents, preparations, rewetting surfactants, etc.). The fabric must also be slightly acidic (pH 4 – 5).
Recommended application level depending on requirement, liquor absorption and fabric:
Padding process (e. g. foulard)

<table>
<thead>
<tr>
<th>1 g/l</th>
<th>acetic acid 60 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 – 80 g/l</td>
<td>KAPPAPHOB CNB 6</td>
</tr>
</tbody>
</table>

Drying: 120 °C
Fixing: 160 – 170 °C, 60 – 120 seconds

White fabrics may yellow at temperatures above 150 °C. Preliminary tests are recommended.

DILUTION INSTRUCTION
KAPPAPHOB CNB 6 can be diluted with water at any ratio.

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