KAPPAPHOB NIB 6
Ecologically optimized fluorocarbon polymer emulsion with crosslinker

CHEMICAL-PHYSICAL DATA
Chemical composition: fluorocarbon polymer in aqueous emulsion with crosslinker
Appearance: beige emulsion
pH-value 20 °C (product): approx. 4.2
Density 20 °C (g/ml): approx. 1.06
Solids content (%): approx. 22
Ionic charge: cationic

FUNCTION
KAPPAPHOB NIB 6 is a fluorocarbon polymer which does not contain any verifiable perfluoro octane acids, perflouro octane sulfonic acids or other parts of a perflourinate chain length over 6 C-atoms.
Due to the combination of fluorocarbon polymer with a cross-linking agent, KAPPAPHOB NIB 6 has a very good resistance to washing and dry cleaning.
KAPPAPHOB NIB 6
- has an excellent oil and water repellent effect.
- has a high stain and fibre protection.
- shows no negative influence on breathability.
- shows no yellowing tendency on linen goods.
- gives a very good emulsion stability of prepared liquors.

APPLICATION
The fabric to be finished must be free of detrimental substances (e.g. residual alkali, sizing agents, preparations, rewetting surfactants, etc.).
Recommended application level depending on requirement, liquor ratio and fabric:
Padding process

<table>
<thead>
<tr>
<th>20 – 60 g/l</th>
<th>KAPPAPHOB NIB 6</th>
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<tr>
<td>pH-value of the padding liquor:</td>
<td>3.0 – 5.0, adjust with acetic acid 60 %</td>
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<td>Drying/fixing of natural and synthetic fibres:</td>
<td>150 – 170 °C, 60 – 120 sec</td>
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KAPPAPHOB NIB 6 can also be applied by spraying, e.g. WEKO system, due to its good emulsion stability. For the application in spraying processes suitable exhaust devices and corresponding spray devices are necessary and the security advices must be observed.

DILUTION INSTRUCTION
KAPPAPHOB NIB 6 can be mixed with water at any ratio.

STORAGE
KAPPAPHOB NIB 6 remains stable for at least 6 months if stored properly and cool in a tightly closed container.