

KAPPAPHOB BU 6

Fluorocarbon polymer emulsion

Chemical composition	fluorocarbon polymer in aqueous emulsion
Appearance	beige emulsion
pH-value 20 °C	2 - 7 (product)
Density 20 °C (g/ml)	approx. 1.1
Solid content (%)	approx. 30
Ionic charge	cationic

Function

KAPPAPHOB BU 6 is a fluorocarbon polymer which does not contain any verifiable perfluoro octane acids, perfluoro octane sulfonic acids or other parts of a perflourinate chain length over 6 C-atoms.

KAPPAPHOB BU 6 shows particularly in the "Bundesmann" rain test very high marks. Excellent water and oil-repellent properties are achieved on natural and synthetic fibres and their blends.

Application

KAPPAPHOB BU 6 can be applied by dipping, coating, foaming, or other methods depending on the nature of the substrate. The application by spraying should only be done with the appropriate spray equipment and the suitable exhaust ventilation, regarding the safety instructions.

The product must be free of detrimental substances which could reduce the performance (e. g. residual alkali, sizing agents, preparations, re-wetting surfactants, etc.). The goods must be also slightly acidic (pH 4 - 5).

Recommended application level depending on requirement, liquor ratio and fabric:

Padding process

- 30 – 50 g/l KAPPAPHOB BU 6
- 1 g/l acetic acid 60 %
- Drying: 120 °C
- Fixing: 170 °C, 60 – 120 sec

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

Dilution instruction

KAPPAPHOB BU 6 can be mixed with water at any ratio.

Storage

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

Do not expose to frost!

Contact

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