

KAPPAPHOB FD 6

Fluorocarbon polymer emulsion

Chemical composition	aqueous fluorocarbon polymer emulsion
Appearance	yellowish to brown emulsion
pH-value 20 °C	4 - 6 (product)
Density 20 °C (g/ml)	approx. 1,1
Solid Content (%)	approx. 20
Ionic charge	cationic

Function

KAPPAPHOB FD 6 is suitable for all types of natural and synthetic fibres and their blends. The product has an excellent oil and water repellent effect.

KAPPAPHOB FD 6 is a fluorocarbon which does not contain any verifiable perfluorooctanoic acids, perfluoro-octanesulfonic acids or other parts of a perfluorinate chain length over 6 C-atoms.

The product meets the following FDA requirements:

- FCN 599 or 21 CFR 176.170 and 176.180,
- FCN 604 or microwave susceptor.

Application

KAPPAPHOB FD 6 can be applied by dip coating, coating, foaming or other methods depending on the fabric condition. 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)

- 1 g/l acetic acid 60 %
- 10 - 50 g/l KAPPAPHOB FD 6
- Drying: 120 °C
- Fixing: 150 - 170 °C, 60 - 120 seconds

Dilution instruction

KAPPAPHOB FD 6 can be diluted with water at any ratio.

Storage

KAPPAPHOB FD 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

KAPP Chemie
 info@kapp-chemie.com
 +49 / 6772 / 9311-0

