

KAPPATEX AW

Peroxide activator

Chemical composition	organic compound
Appearance	beige granulate
pH-value 20 °C	approx. 7.0 (10 %)

Function

KAPPATEX AW contains a bleaching activator which reacts in bleaching baths with hydrogen peroxide to produce a stronger oxidant. This allows an effective bleaching to be carried out at lower temperatures and a moderate pH-value compared to peroxide processes.

KAPPATEX AW is suitable for all alkaline and temperature sensitive fibres, for example

- viscose and viscose blends
- lyocell and lyocell blends
- wool blends

Advantages of KAPPATEX AW:

- bleaching at 70 °C with pH value 6 – 10
- high whiteness
- no fibre damage
- saving of energy, water and time
- saving of rinsing processes

Application

Recommended formulation and application level for bleaching on jet machines:

- 1.0 ml/l KAPPAWET LFE
- 0.25 g/l soda caustic
- 1.0 ml/l KAPPAQUEST P 73
- 4.0 ml/l 50 % H₂O₂
- 2.0 g/l KAPPATEX AW
- 1.2 ml/l NaOH 50° Bé
- x ml/l optical brightener

1st Step:

- Treat article approx. 10 min. at 30 °C with KAPPAWET LFE and soda caustic.
- Disperse KAPPATEX AW, KAPPAQUEST P 73 and H₂O₂ with cold water and add it.
- Raise the temperature with approx. 2.5 °C/min. at 70 °C, then treat 20 min. at 70 °C.

2nd Step:

- Add NaOH to activate the bleaching process.
- Treat 30 min. at 70 °C.

3rd Step:

When using the products, the precautionary measures applicable to the handling of chemicals must be observed. For storage and hazard information as well as safety advice, please refer to the relevant safety data sheets. Application solutions and product residues must be disposed of in accordance with official regulations. The listed instructions correspond to our previous experience. However, in view of the different operating conditions, only non-binding information and advice can be given. Therefore, we cannot accept any liability whatsoever, including liability for claims by third parties. Errors, changes and misprints excepted. Non-binding product information, print date Feb 14, 2022, not subject to systematic change.

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Standards (further on request)

- Bluesign
- ZDHC

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- Add optical brightener. Raise temperature with 2.5 °C/min. at 92 °C.
- Treat 30 min. at 92 °C.
- Rinsing.

Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

Storage

KAPPATEX AW remains stable for at least 1 year when kept cool and dry in a tightly closed container.