

# KAPPAPHOR ME

Highly affine, optical brightener for cellulosic fibres

Chemical composition	stilbene derivative
Appearance	yellowish granulate
pH-value 65 °C	approx. 9.5 (0.1 %)
Bulk density (g/l)	approx. 530
Ionic charge	anionic

## Function

KAPPAPHOR ME gives a brilliant, neutral blue-tinted white fibre. The light-fastness corresponds with the fastness of brighteners based on stilbene. The product is wash proofed and highly retentive.

KAPPAPHOR ME is resistant to hard water, alkali, hydrosulphite, hydrogen peroxide and unstable against acids and acid salts.

## Application

KAPPAPHOR ME is suitable for all cellulosic fibres, such as cotton, viscose, etc. and their blends.

The product is best applied in the exhaustion process, e.g. during peroxide bleaching or in a reductive bleaching bath.

### Formulation examples:

#### Peroxide bleach

##### Colour white

- 8.0 ml/l H<sub>2</sub>O<sub>2</sub> 50 %
- 4.0 ml/l NaOH 50 %
- 1.0 ml/l KAPPAWET LFE
- 1.0 ml/l KAPPAQUEST P 73
- treatment time: 30 – 45 minutes
- temperature: 95 – 98 °C
- rinsing: from hot to cold

##### Full white

- 8.0 ml/l H<sub>2</sub>O<sub>2</sub> 50 %
- 4.0 ml/l NaOH 50 %
- 1.0 ml/l KAPPAWET LFE
- 1.0 ml/l KAPPAQUEST P 73
- 0.2 % KAPPAPHOR ME
- treatment time: 60 minutes
- temperature: 95 – 98 °C
- rinsing: from hot to cold

#### Reductive bleach

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)

- GOTS

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#### 1. step oxidative

- 7.0 ml/l H<sub>2</sub>O<sub>2</sub> 50 %
- 3.0 ml/l NaOH 50 %
- 1.0 ml/l KAPPAWET LFE
- 1.5 ml/l KAPPAQUEST P 73
- treatment time: 60 minutes
- temperature: 95 - 98 °C
- rinsing: from hot to cold, fresh bath

#### 2. step reductive

- 2.0 g/l Soda
- 2.0 g/l KAPPATEX RBL-N
- 0.2 % KAPPAPHOR ME
- treatment time: 30 minutes
- temperature: 60 – 80 °C
- rinsing: from hot to cold

### **Dilution instruction**

KAPPAPHOR ME should be pre-dispersed in water, before adding to the bleaching liquor.

### **Storage**

KAPPAPHOR ME remains stable for at least 1 year if stored properly and cool in a tightly closed original container.