KAPP-CHEMIE
TISSUE TEXTIL
SERVICES

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 H2O2 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 H2O2 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

Contact

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Standards (further on request)

- GOTS

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1. step oxidative

- 7.0 ml/l H2O2 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.

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