

# KAPPAPHOR HA

Highly affine, optical brightener for cellulosic fibres

Chemical composition	stilbene derivative
Appearance	amber coloured liquid
pH-value 20 °C	approx. 10.0
Density 20 °C (g/ml)	approx. 1.12
Ionic charge	anionic

## Function

KAPPAPHOR HA gives a very brilliant, neutral to blue-tinted white fibre. The effects are light-fast and wash proofed. The product is highly retentive.

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

## Application

KAPPAPHOR HA is not only suitable for "normal" cotton, but it is also effective for mercerised fabrics and viscose.

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

Recommended application levels:

Exhaustion process

- 0.2 – 0.8 % KAPPAPHOR HA

Pad process

- 1 – 4 g/l KAPPAPHOR HA

## Dilution instruction

KAPPAPHOR HA can be diluted with cold water at any ratio.

## Storage

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

## Contact

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