

THE BLEACH COMPOUND

BIOPREP *ABC*

By

B&E International Ltd.

www.b-and-e.com

BIO PREP

BIOPREP ABC

efficient
easy to handle
suitable for
different kind of
machines

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THE ADVANTAGES:

- High detergent and wetting power
- Low foaming property
- Outstanding power regarding alkaline earth and iron ions
- Excellent stabilising power in hydrogen bleaching
- Good dispersing and oil suspending properties
- Free of silicate
- Free of APEO and phosphate

WHAT IS BIOPREP ABC?

- Acidic bleaching compound
- Suitable for discontinuous pre-treatment of cotton
- Chemical basis: combination of fatty alcohol ethoxylates and organic phosphorous compounds
- Active matter about 40%

BIOPREP ABC has high binding capacity for iron and calcium ions.

BIOPREP ABC is efficient compound, which is easy to handle.

BIOPREP ABC is suitable for different kinds of machines,

BIOPREP ABC has high binding capacity for iron and calcium ions;

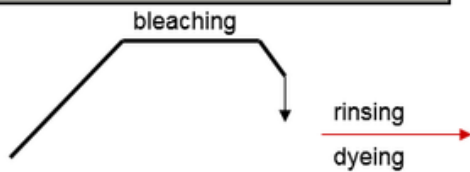
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BIOPREP ABC

DIFFERENT BLEACHING CONCEPTS

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Usual bleaching:



number of
baths:

1 bath

auxiliaries:

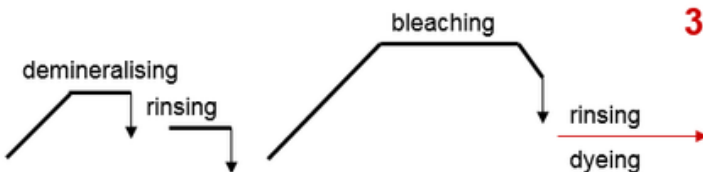
3 products:

- detergent
- stabilizer
- sequestering agent

bleaching results:

- moderate degree of whiteness
- high ash content
- non-expensive process
- you need 3 auxiliaries

Demineralizing & bleaching:



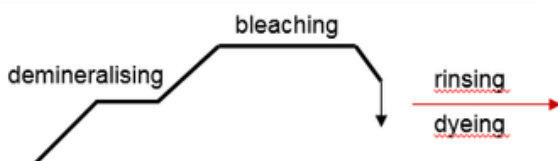
3 baths

4 products:

- demineralizing agent
- detergent
- sequestering agent
- stabilizer

- high degree of whiteness
- no danger of catalytic damaging
- low ash content
- very expensive process
- you need 4 auxiliaries

Bleaching with **BIOPREP ABC**:



1 bath

**Only
1 product:**

- **BIOPREP ABC**

- high degree of whiteness
- no danger of catalytic damaging
- low ash content
- non-expensive process
- you need only 1 auxiliary

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THE ADVANTAGES

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WHAT ARE THE MAIN ADVANTAGES?

BIOPREP ABC is efficient compound for single-bath demineralisation and peroxide bleaching

HOW DOES IT WORKS?

Demineralization:

- as wetting agent
- as complexing agent for alkaline earth and heavy metal ions
- as product for dispersing impurities of cotton

Bleaching:

- as stabilizing agent during hydrogen peroxide bleaching
- as deterging and emulsifying agent

BIOPREP ABC is easy to handle:

- You only need ONE product additionally to hydrogen peroxide and alkali.
- BIOPREP ABC is readily soluble in cold water and pumpable.

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BLEACHING WITH BIOPREP ABC

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BLEACHING WITH BIOPREP ABC =

Acid demineralization + Hydrogen peroxide bleaching in a single-bath process.

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