

GGLOW BLEACH

All-in-one solution for pre-treatment of cotton, Efficient, economic and sustainable combine bleaching agent

USES: One Single product delivers and efficient, economic and short dis-continious pre-treatment of cotton.

PROPERTIES:

- May you need a ready – for – dyeing grade or the brightner optical white.
- GGLOW BLEACH, without a seperate rinsing, with less water, shorter time and reduce energy
- **Maximal absorbancy, High degree of whiteness, no cellulose damage, better uniformity, better dye ability, better body-collar matching**
- **Less water (<50%), Less Time (<50%), Less Energy (<40%), Short cycle time (~1 Hour, high productivity**
- **No rinsing need, Minimized neutralization, Lower effluents load (<50%) Less alkaline amount, Bio-removal of residual peroxide with enzymes**

CHEMICAL PROPERTIES: Surfactant mixtures

TECHNICAL DATA:	Appearance:	Blue/Turquoise Liquid
	Ionicity:	Anionic/Non-ionic
	Solubility:	Cold Water

APPLICATION:

GGLOW BLEACH, open a new doors for the exhaust bleaching world.

Following features are ranted:

- High wetting and penetration power
- The bleaching bath to the core of fiber.
- Strong detergency and dispersing behaviour to remove the contaminants and keep them away from fibre.
- No foaming behaviour.
- Suitable for all exhaust bleaching applications

OBA combination with GGLOW BLEACH makes you able to achieve highest degree of whiteness.

For ONE-STEP Recipe:

GGLOW BLEACH	0,6 %
NaOH 48°Bé	1,8 %
H₂O₂ 50%	6,0 %
OBA	X %

20 min. At 110°C

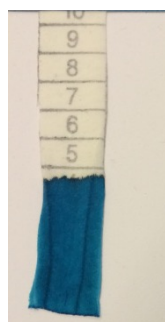
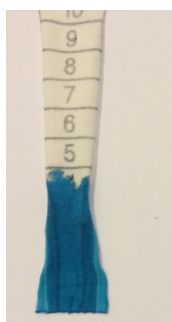
Rinsing: 10 min cold

Neutralization

L.R: 1 :10

GGLOW BLEACH, for low temperature bleaching process, is a efficiency products

- Low temperature bleaching process win energy for your cost efficiency



Recipe	Whithness (Berger)
GGLOW BLEACH Bleaching 98°C	75
GGLOW BLEACH Bleaching 80°C	65

APPLICATION:

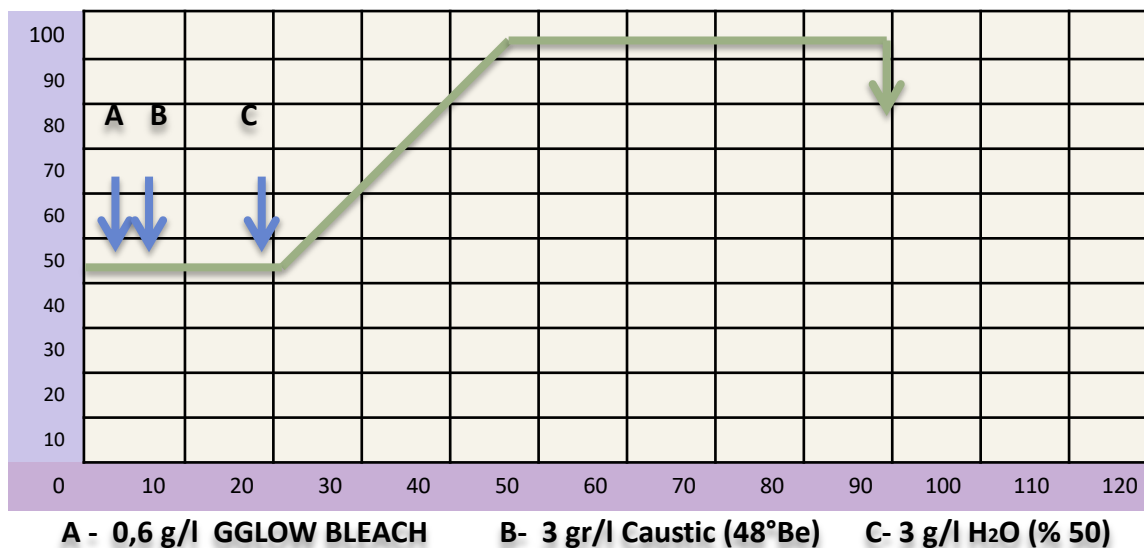
GGLOW BLEACH, Low temperature and rapid process for bleaching agent for cotton process

Less time and energy saving, you can reduce temperature for bleaching cotton or wool fibres.

Between 60 – 80 °C, bleaching process can be apply for wool and cotton with a usage ratio differences

HYDROGEN PEROXIDE AMOUNT	GGLOW BLEACH	TEMPERATURE
5 – 7 ml/l	0,5 – 0,7 g/l	80 - 90°C
7 – 10 ml/l	0,7 – 1,0 g/l	70 – 80°C
10 – 20 ml/l	1,0 - 1,5 g/l	60 – 70°C
20 – 30 ml/l	1,5 – 2,5 g/l	50 °C

ENERGY AND TIME SAVING PROCESS WITH: GGLOW BLEACH



Storage :

The product sensitive to frost and heat and must not be stored at temperature below 0°C or above 40°C . Irreparable damage is possible. In case of suspected frost or heat damage , the usability of the product has to be checked before processing.

Attention :

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes. We are, above all, not liable for fields and methods of application which have not been put down by us in writing. Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

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