

GO-BLANC BMVE

Optical brightener nuanced for cellulosic fibers.

Features and Benefits:

- Optical brightener of medium affinity with violet shade.
- Good stability to alkalis, hydrogen peroxide and electrolytes. Suitable for continuous and exhaustion bleaching processes.
- Good fastness to light and wet treatments.

Physicochemical parameters:

Appearance	Blue liquid.
Chemical Nature	Aqueous composition of stilbene derivative.
Ionic character	Anionic.
pH (such as)	7.5 – 9.5
Compatibility	Compatible with anionic and nonionic products. However, it is recommendable previously test.
pH stability	4.0 – 12.0
Fastness properties	See table below.

Fastness properties			CEL
Light		ISO 105-B02	3 – 4
Wash *	40°C	ISO 105-C06/A1S	5
	60°C	ISO 105-C06/A1S	4 – 5
	95°C	ISO 105-C06/E2S	5
Bleaching with hypochlorite	Soft	ISO 105-N0	5
Sweat	Alkali	ISO 105-E04	5
	Acid		5
Dry Heat	30s / 180°C	ISO 105-P01	5
Nitrogen oxides	1 cycle	ISO 105-G04	5
	2 cycles		4 – 5

* The grading of fastness is kept even the wash bath has a reductive bleaching agent (sodium hydrosulfite) or oxidizing agent (hydrogen peroxide).

Application:

Continuous process: In finishing bath with pH neutral to acidic (pH above 4.0). In impregnation bleaching with hydrogen peroxide, immersion bleaching and bleaching by washing process.

Exhaustion process: applied at maximum 60°C with addition of electrolytes.

Dissolution / Dilution:

Miscible with hot or cold water in all ratios.
The solutions must be stored in the dark, away from light.

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Quantities to employ:

- Pad impregnation (pick up 70%): 1.0 – 5.0 g/l GO-BLANC BMVE
- Cold Pad Batch (CPB) bleaching with peroxide (pick up 80 – 100%):
1.0 – 5.0 g/l GO-BLANC BMVE
- Exhaustion: 0.1 – 0.6 % GO-BLANC BMVE

Soft touch finishing

1.0 – 5.0 g/l GO-BLANC BMVE
10.0 – 15.0 g/l Goldsoft HID
Cold impregnation: pick up 60 – 70%
Dry: 110 – 130°C

Easy care finishing on 100% CO

1.0 – 5.0 g/l GO-BLANC BMVE
50.0 – 60.0 g/l Golden EASY-CARE HFF
20.0 – 30.0 g/l Golden EASY-CARE BC
Cold impregnation: pick up 60 – 70%
Dry/polymerize: 130 – 150°C

Continuous bleaching

Cold Pad-Batch	Pad Steam	
2 – 6	1 – 3	g/l Goldpal NRA
2 – 4	1 – 2	g/l Goldcom INP
2 – 6	2 – 6	g/l Goldstab OX
10 – 20	10 – 20	ml/l Caustic Soda 50°Bé
15 – 40	15 – 40	ml/l Hydrogen peroxide 50%
1 – 5	2 – 8	g/l GO-BLANC BMVE

Recipe suggested

Cold impregnation: pick-up 90 – 100%
Temperature: 20 – 100°C
Treatment time: 24 hours – 20 minutes
Dry: 110 – 130°C

Exhaustion bleaching

In exhaustion process, the GO-BLANC BMVE depends on exclusively the temperature and quantity of electrolyte used.

0.5 – 1.0 g/l Goldpal UHN
0.5 – 1.0 g/l Goldstab OX
3.0 – 4.0 ml/l Caustic Soda 50%
5.0 – 6.0 ml/l Hydrogen peroxide 50%
0.2 – 1.0 % GO-BLANC BMVE
1.0 – 5.0 g/l Sodium sulfate anhydrous
Liquor ratio: 1:8 – 1:20
Time / Temperature:
- Without chemical bleaching: 15 – 30 minutes at 30 – 60°C
- With chemical bleaching: 30 – 60 minutes at 95 – 80°C

For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).

Note: Given the variety of substrates and applications processes, the information provided with fidelity should be understood as a guidance tool, therefore we cannot be responsible for any damages resulting from an inappropriate use. The data contained in this technical informative are based on current knowledge and applications of our products performed. Additional information can be obtained from our technical department. Review: 03/27/2018.

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