



Optical Brightening For Cotton AB

(OPTICAL BRIGHTENER FOR CELLULOSE)

Technical Data Sheet

Version : 02032020-1.0

Composition

- ◆ Derivative of Stilbene Disulphonic Acid
- ◆ Blue Tinted
- ◆ Anionic.

Properties

- ◆ Physical appearance : greenish yellow powder.
- ◆ pH value : 8,0 – 10,0 at 30°C.
- ◆ Solubility : 20 g/L at 30°C.

Advantage & Features

- ◆ This product is economical customized for socks and loose cotton.

Storage and Lifetime

- ◆ When storage correctly in sealed containers has a self life to 12 months.
- ◆ The product should be protected from direct light.
- ◆ Packaging in an 25 Kg carton boxes.

Contact us

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IDEAL WHITENESS THROUGH SINARWHITE

Date of issue : March, 2nd 2020
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Stability

Hypochlorite	:	Not stable
Sodium chlorite	:	Not stable
Peroxide	:	Good
Hydrosulphite	:	Good
Acids	:	Above pH 4.5
Alkalis	:	Up to pH 13
Hardness water	:	Good

Fastness

Light Fastness	ISO-105-B02	:	3-4
Washing Fastness 40°C	ISO-105-C06/A1S	:	5
Washing Fastness 60°C	ISO-105-C06/C1S	:	5
Washing Fastness 90°C	ISO-105-C06/E2S	:	5
Alkaline Perspiration	ISO-105-E04	:	5
Acid Perspiration	ISO-105-E04	:	5
Gas fume	ISO-105-G02	:	4
Dry heat fixation 180°C	ISO-105-P01	:	4-5

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Application

Exhaust process

OBA AB	0.30 - 0.40%
Glauber Salt	3 - 5g/L
pH Value	6 - 11
Temperature	50 – 120°C
Time	20 - 30 minutes

Peroxide Bleach

OBA AB	0.30 - 0.40%
Sinarscour SSB	1 - 2g/L
NaOH 36°Be	3 - 5g/L
H ₂ O ₂	5 - 10g/L
pH Value	6 - 11
Temperature	85 – 95°C at 45 - 60 minutes, or 110 – 115°C at 30 - 45 minutes

Reductive After Bleach

OBA AB	0.30 - 0.40%
Sinarscour SWB	0.5g/L
Reduction agent	2 - 5g/L
Temperature	70 - 80°C at 20 - 30 minutes

All the information is based on our knowledge and experience. This is being provided for guidelines without obligations. Customer are encouraged to carry out trials at their end. All standard safety precaution applicable should be followed while handling as with all other dyes and chemicals.

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