



Optical Brightening For Cotton AL

(OPTICAL BRIGHTENER FOR CELLULOSE)

Technical Data Sheet

Version : 04022019-1.0

Composition

- ◆ Derivative of Stilbene Disulphonic Acid with Additional salts
- ◆ Anionic.

Properties

- ◆ Physical appearance : yellowish powder.
- ◆ pH value : 9,5 – 10,5 at 30°C.
- ◆ Solubility : 70 g/L at 30°C.

Advantage & Features

- ◆ Produces a slightly bluish white.
- ◆ Low to moderate affinity..
- ◆ Neutral to weakly alkaline reaction.

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 : February, 04th 2019
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Stability

Hypochlorite	:	Poor
Sodium chlorite	:	Poor
Peroxide	:	Good
Hydrosulphite	:	Good
Acids	:	Above pH 4,5
Alkalis	:	Good
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	:	5
Dry heat fixation 180°C	ISO-105-P01	:	5

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Application

Padding process

OBA AL	0,1 – 2,0g/L
Liquor Pick-Up	65 – 70%

Exhaust process

OBA AL	0,04 – 0,2%
Sodium sulfate	3 – 5g/L
pH value	5 – 11
Time	20 – 30 Minutes at 50 – 120°C

Peroxide bleach liquor

OBA AL	0,04 – 0,2%
Bleach ingredient as required	
Time	45 – 90 Minutes at 85 – 95°C, or 30 – 60 Minutes at 110 – 115°C

Reductive after bleach liquor

OBA AL	0,04 – 0,2%
Bleach ingredient as required	
Time	20 – 30 Minutes at 70 – 80°C

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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