OPTICAL BRIGHTENER FOR COTTON DX

(OPTICAL BRIGHTENER FOR CELLULOSE)

Technical Data Sheet

Version : 04032015-2.0

Contact us

Bekasi International Industrial Estate Block C8 No.3-7 Cikarang – Bekasi 17530 West Java, Indonesia

Telp.(62-21) 8972390 (Hunting), Fax.(62-21) 8972388

Composition

- Derivative of Stilbene Brightener.
- Anionic.

Properties

- Physical appearance : off white to light yellow powder.
- pH value : 8.5 – 9.5 at 30°C.
- Solubility : <10 g/L at 30°C.

Advantage & Features

- Produces a neutral white.
- Designed for cost effective product, with lower active content.
- Sensitive to dyeing parameter changes.
- Hi affinity for cellulosic fibers
- Can use along with bleaching process

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.

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Application

Exhaustion with or without peroxide bleach :

OPTICAL BRIGHTENER FOR COTTON DX	0.15 – 0.45%
Temp	50 – 100°C
Time	30 – 45 minutes

Fastness

Light Fastness		:	2-3
Washing Fastness			
	40°C	:	4
	60°C	:	3-4
	90°C	:	3
Perspiration Fastness			
	Acid	:	3-4
	Alkaline	:	3-4
Dry Heat Fixation at 180°C		:	4

Stability

Hypochlorite bleach liquors	Not recommended
Peroxide bleach liquors	Excellent
Hydrosulphite bleach liquors	Excellent
Acids	Not recommended
Alkalis	Excellent
Hardness water	Excellent

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.