

AVCO-LUX BKB

TINTED BRIGHTENER FOR CELLULOSE FIBRES

AVCO-LUX BKB produces very brilliant optical brightening effects on cellulose fibres. AVCO-LUX BKB is an optical brightener with high light stability and chemical stability.

SPECIFICATION:

Appearance	Slight yellow uniform powder
Chemical nature	Derivative of stilbene .
Ionicity	Anionic
Solubility	250 g/l (boiling temp).
pH (1%)	9 ± 1
Fluorescent color	Slightly bluish
Compatibility	Is not compatible with Hypochlorite and Sodium chlorite.

PROPERTIES AND USES :

1. With strong fluorescence, excellent whitening performance and slight bluish shade
2. Good acid stability
3. Stable in perborate and hydrogen peroxide, AVCO-LUX BKB is especially suitable for peroxide bleaching process by exhaustion.
4. AVCO-LUX BKB is mainly be used in whitening of cotton fabric and polyester/cotton blends, CVC whitening in one bath
5. With high affinity, AVCO-LUX BKB is mainly applied by exhaust process

APPLICATION:

1. Exhaust process:

AVCO-LUX BKB: 0.1– 0.8%
 Bath ratio : 1 :10 – 1:30
 Treat at 90 – 100°C for 30 – 40 mins
 Wash and dry.
 The process can be adjusted according the actual situation.

2. One bath Hydrogen Peroxide Bleaching and whitening:

AVCO-LUX BKB	0.05– 0.2%
Hydrogen peroxide 50%	5 – 15 g/l
AVCO-STABILIZER HSF:	1 -5 g/l
NaOH 50%	2 -4 g/l
AVCO-BIOLIT JET	0.5 – 1 g/l
Bath ratio : 1:10 – 1:30	
Treat at 90 - 100°C for 30 – 40 mins	
Wash and Dry	

The process can be adjusted according the actual situation.