

AVCO-LUX CPS

OPTICAL BRIGHTENER FOR POLYESTER FIBRES

AVCO-LUX CPS is an optical brightener with brilliant bluish violet shade for polyester fibres. AVCO-LUX CPS is suitable for both exhaustion and padding method. It can be applied for polyester blends such as Pe/Co or Pe/Vi

SPECIFICATION:

Appearance	Bluish white dispersing liquid	
Chemical nature	Derivative of stilbene.	
Ionicity	Anionic	
Solubility	Dispersible in water at any ratio	
рН (1% sol.)	7 ± 1	
Fluorescent color	Bluish violet	
Compatibility	Is not compatible with Hypochlorite and Sodium chlorite.	
Storage	Can be stored for 6 months under room temperature and hermetic condition, without exposure to sunlight.	

PROPERTIES AND USES :

- 1. Ideal optical brightening agent for polyester and its blends (such as polyester/ cotton, polyester/ linen, etc). It is applicable at low, medium and high temperature
- 2. High whiteness, low dosage
- 3. Suitable for whitening process of overflow dyeing machine, jig dyeing machine, continuous padding equipment, etc
- 4. Can be used in the alkali-hydrogen peroxide one bath process of polyester-cotton, polyester/ linen blended fabric

REMARKS:

- Rinse the fabric thoroughly to ensure there is no residual alkali on fabric after bleaching under alkali condition.
- Shake well before use, and then weigh precisely



APPLICATION

- 1. Thermosol process :
 - AVCO-LUX CPS: 10 20 g/l

Process: Padding (2 dip,2 nip) pick up 70% \rightarrow Drying 100°C x 30 sec \rightarrow curing 180 – 200°C for 60 sec.

2. Exhaustion:

AVCO-LUX CPS:	0.3 – 1.5%
Liquor ratio :	1:10 - 1:30
рН :	6 - 13
Temperature :	110 – 135ºC
Time :	30 -60 mins

Actual process should be adjusted according to preliminary tries.