

Technical - Information

AVCO-LUX MSTD

TINTED BRIGHTENER FOR CELLULOSE FIBRES

AVCO-LUX MSTD is an optical brightener with violet shade for cellulose fibres and its blends. Due to its low affinity, the product is absolutely suitable for padding method on stenter and any continuous padding machines.

AVCO-LUX MSTD is an optical brightener with high chemical stability.

SPECIFICATION:

Appearance	Clear slightly yellow to brownish liquid.
Chemical nature	Derivative of stilbene.
Ionicity	Anionic.
Solubility	250 g/l (boiling temp).
pH (1%)	6.5 – 7.5
Fluorescent color	Reddish violet.
Compatibility	Is not compatible with Hypochlorite and Sodium chlorite.

PROPERTIES AND USES:

1. With rather good fluorescence, produces whiteness with slight reddish shade.
2. Good acid stability.
3. Stable in perborate and hydrogen peroxide, AVCO-LUX MSTD is especially suitable for peroxide bleaching process.
4. AVCO-LUX MSTD is mainly be used in whitening of cotton fabric and polyester/cotton blends, CVC whitening in one bath.
5. With low affinity, AVCO-LUX MSTD is absolutely suitable with padding method because of producing consistent whiteness during processing.

APPLICATION:

1. Padding process for cotton and PeCo fabrics:

AVCO-LUX MSTD: 3 – 15 g/l

Pick up: 65 %

Dry at 170°C for 1 mins.

Wash if used with high dosage ($\geq 10\text{g/l}$) in order to obtain better fastness.

The process can be adjusted according the actual situation.

Technical - Information

2. One bath Hydrogen Peroxide Bleaching and whitening for cotton:

AVCO-LUX MSTD:	1 – 3	g/l
Hydrogen peroxide 50%:	20 – 40	g/l
AVCO-STABILIZER HSF 200:	7 – 10	g/l
NaOH 50%:	20 – 40	g/l
AVCO-BLANK HB LF:	2 – 4	g/l
Pick up:	70 – 80	%

Steam at 98 - 100°C for 20 – 60 mins.

Wash and Dry.

The process can be adjusted according the actual situation.