

ITOWHITE EVB is an economical tinted optical brightening agent with a high whiteness value for application under a wide range of conditions to polyester and its blends. ITOWHIE EVB is applicable by exhaustion or pad thermasol techniques and produces a blue/violet toned white with good light and sublimation fastness.

## PROPERTIES

- **Appearance** : Blue/violet dispersion
- **Ionic Character** : Non-ionic
- **Solubility** : Miscible in water

## APPLICATION

### Polyester:

In Pad Thermasol

- **ITOWHITE EVB** : 2-10 g/l
- **Curing** : 170-210°C for 20-30 seconds.

In Exhaustion (low temperature):

- **ITOWHITE EVB** : 0.1-0.6 %
- **Liquor Ratio** : 10:1, at 98°C for 30-45 min.
- **Dehydrating and Drying** : 100°C

In Exhaustion (high temperature):

- **ITOWHITE EVB** : 0.1-0.6 %
- **Liquor ratio** : 10:1, at 130°C for 15-30 min.
- **Dehydrating and Drying** : 100°C

### Polyester/Cotton Blends:

In Bleaching:

- **Hydrogen Peroxide (35%w/w)** : 6-8ml/l
- **Caustic Soda** : 0.5g/l
- **ITOSCOUR LJ300U** : 0.25-0.75g/l
- **Peroxide Stabiliser** : 1.0g/l
- **ITOWHITE EVB** : 0.1-0.4%
- **Cellulosic Brightener** : 0.2-0.5%
- **Liquor Ratio** : 10:1, at 100°C for 45 min.

## CHARACTERISTICS

1. Produces a pronounced Blue/Violet shade.
2. Has good light and sublimation fastness.
3. Applicable by either exhaust or pad thermasol.
4. Exhaust completely onto polyester fibres at the boil.
5. Can be successfully applied at 98°C without the need for a carrier.

## DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

## APPENDIX

### Fastness results.

	Light Fastness	Wash Fastness	
	Blue Scale rating	ISO3	ISO4
Polyester	6	5	5
Triacetate	5	5	5
Acetate	5	5	5