

ITOWHITE 9643 is an economical optical brightening agent with high whiteness value.

## PROPERTIES

- **Appearance** : Yellow dispersion
- **Main Ingredient** : Styrylbenzene derivative
- **Ionic Character** : Nonionic
- **pH** : ~5
- **Solubility** : Dispersible in water
- **Shade** : Blue Violet

## APPLICATION

### In Pad Thermasol:

- **ITOWHITE 9643** : 2 - 10 g/l
- **Drying** : 110°C for 1 - 2 min.
- **Curing** : 170 - 210°C x 30 seconds

### In Exhaustion (low temperature):

- **ITOWHITE 9643** : 0.6 - 1.2 %
- **Liquor Ratio** : 10:1, at 98°C for 30 - 45 min.

### In Exhaustion (high temperature):

- **ITOWHITE 9643** : 0.2 - 1.2 %
- **Liquor Ratio** : 10:1, at 130°C for 10 - 30 min.

## CHARACTERISTICS

1. Gives high whiteness value
2. Applicable under a wide range of conditions to polyester and its blends
3. Applicable on winch, jet, jig or package machines
4. Applicable by either pad thermasol techniques
5. Can be applied at 98°C without the need for carrier
6. Exhausts completely onto polyester at the boil

## 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.

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