

# ITOWHITE RN1 NEW



Optical brightening agent for polyester fibres and its blends.

## PROPERTIES

- **Main Ingredient** : Benzoxazole derivative
- **Ionic Character** : Nonionic
- **Shade** : Blue/Violet
- **Solubility** : Miscible
- **pH** : ~5

## APPLICATION

### In Exhaustion:

- **ITOWHITE RN1 NEW** : 0.1-0.3%
- **ITOSOLT LJ557** : 0.5 gm/l
- **Liquor Ratio** : 010:1 @ 110-130°C for 30 min pH 4.5

### In Padding:

- **ITOWHITE RN1 NEW** : 2-5 gm/l
- **Dry** : 110°C for 90 sec.
- **Cure** : 150-190°C for 20-50 sec.

## CHARACTERISTICS

1. Applicable by exhaustion or pad thermasol techniques
2. Good sublimation fastness
3. Applicable by winch, jet, jig or package machine
4. ITOWHITE RN1 NEW is less suitable for brightening Diacetate, Triacetate or Polyamide.
5. Can be applied at the boil with use of a suitable 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.

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

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