

ITOWHITE PESHLF is an optical brightening agent for polyester and acetate either by exhaustion or pad thermasol

PROPERTIES

- **Appearance** : Yellow dispersion
- **Ionic Character** : Non-ionic
- **Solubility** : Dispersible in water
- **Shade** : Blue/Violet

APPLICATION

Polyester:

In Pad Thermasol

- **ITOWHITE PESHLF** : 5-15 g/l
- **Pick up** : 60-70%
- **Curing** : 150-90°C for 20-50 seconds.

In Exhaustion (high temperature):

- **ITOWHITE PESHLF** : 0.3-0.8 %
- **Liquor Ratio** : 10:1, at 110-130°C for 30 min.
- **Dehydrating and Drying** : 100°C

In Exhaustion (low temperature):

- **ITOWHITE PESHLF**: 0.3-0.8%
- **Carrier** : 1-2g/l
- **Liquor ratio** : 10:1, at 100°C for 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** : 1.0-2.0g/l
- **ITOWHITE PESHLF**: 0.1-0.4%
- **Cellulosic Brightener** : 0.2-0.5%
- **Liquor Ratio** : 10:1, at 100°C for 45 min.

Acetate

In Exhaustion

- **ITOWHITE PESHLF** : 0.3-0.8 %
- **Liquor Ratio** : 10:1,
- **Temperature (Sec. Acetate)** : 80-85°C
- **Temperature (Tri. Acetate)** : 95-100°C
- **Time** : 30 min.
- **Dehydrating and Drying** : 100°C

CHARACTERISTICS

1. Produces a pronounced Blue/Violet shade.
2. Has good light and wash fastness.
3. Applicable by either exhaust or pad thermasol.
4. Suitable for application on winch, jet, jig or package machines.

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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APPENDIX

Light Fastness:

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