FLORESCENT BRIGHTENER POLYSTER

Technical Data Sheet **Version : 1-1**

Contact us

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Composition

- Derivative of bisdiphenylethylene.
- Nonionic.

Properties

- Physical appearance : greenish yellow liquid.
- pH value : 6,0 – 9,0 at 30°C.

Advantage & Features

- Mainly be used as whitening agent for polyester fiber for textiles made from blends of cellulose and synthetic fibers (polyester, polyester/cotton, polyester/yarn, polyester/wool).
- Bluish color shade with strong fluorescence.
- High whitening and fastness performance With low dosage of Sinar White EBB
- Excellent fastness to sublimation with exhaust & continuous process.
- Very economical due to required very less quantity.
- Stable for the AF process.

Storage and Lifetime

- When storage correctly in sealed containers has a self life to 6 months.
- The product should be protected from direct light.
- Packaging in an 20 Kg pail.

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Application

Pad thermos fixing process

- Optical Brightening Agent For Polyester : 0.5 – 2.0g/L. (Adjust As Per Whiteness Required)
- Procedure: pad (two dips and two squeezes, residual liquor content 70) dry Cure (180 – 200°C , 20 – 30 seconds).
- Attention: The goods must be rinsed thoroughly after pretreatment to ensure the pH below 8. The pH of the pad liquor should be adjusted to 4 – 5 with acetic acid.

HT exhaust process

- Optical Brightening Agent For Polyester : 0,5 – 1,5% (o.w.f)
- Liquor ratio : 1 : 10 – 30
- Temperature : 130°C
- Time : 30 – 45 minutes
- Recomended pH : 5 – 11

All the information is based on our knowledge and experience. This is being provided for guidelines without obligations. Customer are encouraged to carry out trials at their end. All standard safety precaution applicable should be followed while handling as with all other dyes and chemicals.