

Optical Brightening Agents

Specially formulated to enhance fabric Whiteness

We are recognized for our Optical Brightening Agents (OBAs), specially formulated to enhance fabric whiteness and elevate the overall appearance of the fabric. Our OBAs are used across a broad spectrum of materials, including cotton, cellulose, polyester, and blended fabrics, making them suitable for diverse applications in the textile industry.

Our OBAs offer superior brightness, excellent fastness properties, and consistent performance throughout the production process. By absorbing ultraviolet light and re-emitting it as visible blue light, OBAs significantly improve fabric whiteness, brilliance, and visual clarity, helping manufacturers meet the high standards of today's textile markets.

We offer formulations tailored to specific fiber types:

- **ER350** – for polyester and synthetic fibers
- **BBU Cotton** – for cotton and other cellulosic fibers
- **OBA CXT** – for polyester-cotton and other blended fabrics

These products are suitable for use in exhaust, continuous, and padding applications, and they are manufactured under stringent quality controls to ensure batch-to-batch consistency and compliance with international standards.

Our Optical Brightening Agents not only enhance the visual appeal of textiles but also add value across various market segments, including apparel, home textiles, and institutional fabrics.

BBU
Cotton

Appearance:

Light yellow uniform powder or granule

UV absorption: 370 +/- 10

Max UV absorption wavelength: 350nm

Performance characteristics:

Bluish tone; Solubility in cold water: 200g/L; Solubility in boiling water: 300g/L; Common affinity to cellulosic fiber; Stable to oxide, hypochlorite, reducing bleach; Resistant to alkali, hard water, but medium in acid.

Application:

Whitening of cotton, viscose, it has good compatibility with resin finishing agent; Whitening of surface sizing, coating of paper sheets, paper; White discharging printing.

Recommended dosage:

Paper-making (absolute dry pulp): 0.01-0.4%;

Surface sizing with starch, CMC, PVA: 0.1-3g/L;

Coating with PVA, CMC, starch: 0.03-0.4% (compared to weight of coating); Textile: 0.1-0.5%.

Package: Fiber drum or PE bag (N.W. 20kg or 25kg)



OWF 0.25%