

LeCOLOR® – OB1

CAS No.: 1533-45-5

C.I. No.: 393

Application/Uses:

- Cotton
- Plastics
- Man-made fibers
- Polyester
- Polymers
- Recycled polymers



Key Attributes:

- Colors appear more brilliant
- Environmentally friendly
- Excellent brightening ability
- Produce a bluish tinge, masking yellowness
- Whiter-than-white appearance

Product Description:

LeCOLOR® – OB1 optical brightener significantly improve the whiteness in both textile fibers and plastics. In polyester and nylon fibers, LeCOLOR® – OB1 impart a pleasing whiter-than-white appearance and give more intensity to some colors as well. Because of its excellent brightening ability, good thermal stability, and compatibility with many polymers, [LeCOLOR® – OB1](#) optical brightener is an effective brightener for many plastics products in india.

LeCOLOR® – OB1 optical brightener provides an excellent white, permanent color since the brightener is dissolved in the polymer or fiber during polymer manufacture. This permanence gives much better brightness retention over time versus other methods such as bleaching or surface treatment with optical brighteners. [Optical whiteners](#) function by absorbing ultraviolet radiation and re-emitting blue light. The emitted blue light will reduce the yellow color of a polymer and provide the whiter-than-white appearance. LeCOLOR® – OB1 optical brightener most demanding in india.

Typical Properties:

Property	Typical Value
Appearance	Yellow greenish powder
Specific Gravity @ 20°C/20°C	1.39
Melting Point	355-360°C
Assay	98.5 wt % min
Particle Size	Pass 200 mesh

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