

“CON-TROL” OB 0081

PRODUCT UTILITY

The brightness targets of industries is increased significantly. Manufacturers of writing, printing papers and duplex board continually seek better methods of improving their sheet brightness as well as whiteness by using higher levels of bleaching, brighter fillers, higher filler content, and optical brighteners and fluorescent whiteners fed in the wet end. The purpose of optical brighteners in the paper and printing industries is to remove the yellowish/dull appearance of the raw materials used in the paper manufacturing process.

PROPERTIES

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|--------------------|----------------------|
| ➤ pH of 1% sol | 7.0 ± 1.0 |
| ➤ Ionic Nature | Anionic |
| ➤ Appearance | Emulsion |
| ➤ Color | Light Brownish Green |
| ➤ Specific Gravity | 1.120 ± 0.20 |

APPLICATIONS

“CON-TROL” OB 0081 can be added directly in the mixing chest or continuously at suitable dosing points in the stock preparation system. must be applied prior to alum or cationic auxiliaries. The product has good affinity to cellulose. The whiteness depends on various factors such as furnish, reaction time, quality of fillers etc. The idle dosages are between 0.1% - 0.5% (depending upon the requirement/plant conditions/furnish)

SHELF-LIFE

The product is assured for a long standing life preferably to be stored in the covered, dry area, kept at distance from heat. Exposure to the direct sunlight should be avoided.

VALUES OFFERED

- Higher brightness
- Reduces consumption of Bleach
- Improves optical properties of paper & board
- suitable at varied range of pH conditions of papermaking ranging from acidic to alkaline

NOTE : R&D mandates to improve the product for which any changes are at our discretion without prior intimation.