

DeepWhite™ ABP-X Powder (Urea-free)

Optical Brightening Agent for Paper

DeepWhite™ ABP - X Powder is a Urea-free Tetra-sulphonated type Fluorescent Whitening Agent for application in Paper

TECHNICAL DATA

Derivative of Stilbene Triazine

Physical Appearance	Fine Granules to Powder
Color	Yellow to Dark Yellow
Odor	Practically Odorless
Ionic Charge	Anionic
Solubility	Clear to slight hazy solution at 25 °C, 250 grams/liter
pH Value	8.0 – 10.5 at 25 °C, 1% solution
Bulk Density	400 – 650 grams/liter



DeepWhite™ ABP-X Powder is suitable for wet end, size press and in coating application for paper.

USES AND APPLICATION

Gives neutral shade in all applications. It has a tendency to produce greenish hue if used in excess quantities.

Wet end

- ✓ Can be added either batch wise in the mixing chest or continuously at suitable dosing points in the stock preparation system
- ✓ Typical Average dosage: 1 - 3 kg/Ton of dry pulp depending on:
 - Type of furnish
 - Base pulp pH and brightness
 - Desired brightness and whiteness gain

Size Press and Coating

- ✓ Can be used by diluting to desired concentration or directly without dilution to the ready size press and coating formulations containing natural and synthetic binders and pigments
- ✓ The performances of the product can be boosted by using PVA, CMC as a co-binder in coating
- ✓ Typical average dosage is 1 - 2 kg/Ton dry pulp

STORAGE AND STABILITY

- ✓ DeepWhite™ ABP-X Powder should be stored under shed and protected from direct sunlight, extreme temperature, acid or any contaminations and moisture
- ✓ The diluted solution must not be exposed to natural light for long
- ✓ Shelf life of the product is two years

Corporate office



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