

“CON-TROL” POWER-EX

PRODUCT UTILITY

“CON-TROL” Power-Ex a developed de-inking additive formulated in powder form contains 100% active ingredients and no filler material. The product loosens ink from waste paper effectively. It also separates and disperses it by principal of floatation/wash type de-inking systems without affecting the quality of effluent. A product designed to in wide range of pulping conditions, like neutral to alkaline pH, low to high consistency (4 to 15%), ambient to high pulping temperature up to 70°C. The product deduces the consumption of various types of chemicals.

PROPERTIES

- pH 11.5 ± 1.0 (1% Solution in distilled water)
- Ionic Nature Anionic
- Appearance White micro crystalline powder

APPLICATION

“CON-TROL” Power-Ex is used and applied directly in the pulper at the dose level of 0.07 to 0.1% on dry weight of waste paper, depending on the quality of waste paper, with other chemicals such as soda & sodium silicate. “CON-TROL” Power-Ex dissolves in the aqueous system and effectively reduces the binding of ink particle with the fiber. The special ingredients of the product then remove the ink particles and disperse them in the mass. The product can be used under normal mill conditions, optimum results can be derived by using it at 50 to 55°C pulping temperature and giving a reasonable retention time.

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

- Ease in handling and using because of its powder nature
- No adverse effect on effluent
- Better ink removal efficiency
- Effective in floatation and washing type of de-inking system
- Reduces consumption of various chemicals

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