



Product Data Sheet

De-Ink 111

De-Ink 111 is a mild viscous liquid with mild cationic characteristics. Recommended to use the product at pulper stage or before deinking inlet line to eliminate dirt as well as ink particles through washing or floatation process condition followed by washing system.

BENIFITS:

- **Eliminate dirt and ink particles by washing as these particles are floated by foam bubbles either at pulper or floatation stage.**
- **Improved pulp whiteness and brightness .**
- **Excellent working conditions with hydrogen peroxide bleaching conditions as compared to chlorine bleaching system.**
- **Better results if sodium silicate is added with De-Ink 111.**
- **Reduced specs count on final paper surface.**
- **Improved washing efficiency**

PROPERTIES:

- **Appearance ----- Mild viscous crystal clear liquid.**
- **Solubility ----- Good**
- **Mechanical stability ----- Good**
- **Specific Gravity at 20C ----- 1.03 cps**
- **Shelf life ----- 360 days**

APPLICATION:

Dilute **De-Ink 111** as 250 gpl solution and dose @ 100 – 300 grams per MT along with sodium silicate 1.0% to 1.5% before bleaching chemical addition either in 3% or 12% consistency stock at pulper stage. Use 100 gpl solutions @ 50 – 200 grams per MT along with 1.0% sodium silicate before bleaching chemical addition at de-inking cell inlet line for the best results at 10-12% consistency stock.

PACKGING, HANDLING & STORAGE:

De-Ink 111 is available in 200 Kg HDPE drums and advised to be stored under shed.

SAFETY, HEALTH, ENVIRONMENTAL AND REGULATORY APPROVALS:

Contact DESCON Representative for details.