

Deposit Control for Kraft Pulp Continuous Digesters

Description

Belclene 287 is specifically designed for formulators seeking a highly effective alternative to polyacrylate-based calcium carbonate antiscalants for Kraft pulp operations.

Application

Belclene 287 is designed specifically for use in Kraft pulp continuous digesters, to reduce cleaning costs and unscheduled downtime that occurs due to the formation of calcium-based scales.

Calcium carbonate scale formation is a major problem in many continuous digesters. Areas especially prone to calcium carbonate scale are:

- Chip chute screen
- Extraction screens
- Cooking heaters
- In-line drainer
- Cooking screens
- Top separator
- Digester shell

Benefits

In Pulp Mill applications, Belclene 287 provides:

- Exceptional control of calcium carbonate and oxalate deposition
- Reduced frequency of plant shutdowns for scale removal & system cleaning
- Improved liquor circulation rates leading to better pulp cooking uniformity
- Better maintenance of extraction flows
- Prolonged heater life and less corrosion through reduced acid cleanings
- Better plug flow through the digester

Usage

*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

Packaging / Weight

IBCs/Totes 2,755 lb 1,250 kg

*Consult your sales representative for availability.

Physical Properties

| | |
|---------------------------|-----------------------|
| Appearance | Clears liquid |
| Odor | Slight |
| Solids content | 37% w/w |
| Specific gravity | 1.26 - 1.3 @ 25 °C |
| pH of undiluted product | 6.5 – 8.5 |
| Viscosity | 30-130 cP @ 25 °C |
| Boiling range (760 mm Hg) | 100-102°C (212-215°F) |
| Freezing point | -2°C (28°F) |
| Solubility in: | |
| -Water | Miscible |

Further details are available in the safety data sheet



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