



Case History

Aries 31742 Strength Aid Provides Superior Performance

A specialty papermill was using a liquid cationic starch to provide finished paper strength, stiffness and dust control. In addition to performance concerns, the mill was experiencing logistical issues with short shelf life, limited warehouse space and supply chain challenges. Aries was asked to provide a solution.

A mill survey and supply chain assessment by Aries determined that the Aries 31742 would provide the following benefits to mills productivity, quality, and logistical control:

Benefits

- Reduced Cost
- Ease of Use
- Improved Strength
- Warehouse
- Shelf Life
- Reduced Microbiological Exposure
- Eliminated Feed Equipment Maintenance

Aries 31742 powdered dry strength was selected for its ease of handling, product efficiency, and improved wet end chemistry stability. As a dry product, Aries 31742 reduced storage space requirement, is available in easy to use repulpable bags and also provided extended shelf life. In addition to these benefits, the customer experienced reduced cost, and improved sheet properties. The additional benefit of stabilized white water charge chemistry eliminated significant process swings.

Through product selection and application experience, Aries recommendations reduced process variability, and solved the initial supply chain problem while superior chemistry and product application optimization helped the mill realize the improvements they desired.

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