

## RECORDED BENEFITS

- Elimination of cationic starch additive
- Reduced retention and fixation additives
- Reduced surface sizing
- Improved machine productivity

## New Dry Strength Program Helps Containerboard Mill Produce High Performance Grades With Deteriorating Waste Paper Qualities

### Xelorex™ RS1300 Paper Performance Additive

#### Customer Challenge

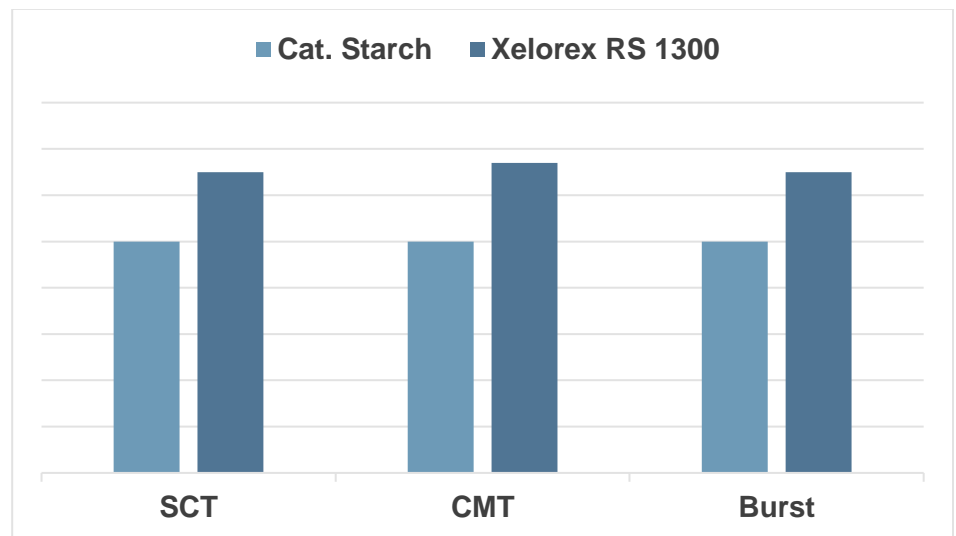
A European containerboard producer was not able to produce high performance packaging grades with traditional starch-based strength additives.

#### Recommended Solution

Solenis evaluated the mill furnish and recommended the use of Xelorex RS1300 paper performance additive, a cationic Polyvinylamine homopolymer, added prior to the centri-screen.

#### Results Achieved

The mill can now consistently achieve the required specifications for high-performance packaging. SCT, CMT and burst characteristics improved by 15%. In addition, the retention aid was reduced by 50%, the fixative was eliminated, and surface size addition reduced by around 10%. Machine productivity was improved through reduction of sheet breaks.



All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Solenis and its affiliates and subsidiaries assume legal responsibility. ™Trademark, Solenis or its subsidiaries, registered in various countries. \*Trademark owned by a third party. ©2021 Solenis.