

RECORDED BENEFITS

- Increased machine output
- Elimination of cationic starch additive
- Elimination of PAC to conform with BfR regulation

New Dry Strength Program Helps Packaging Mill Increase Machine Output

Xelorex™ RS1100 Paper Performance Additive

Customer Challenge

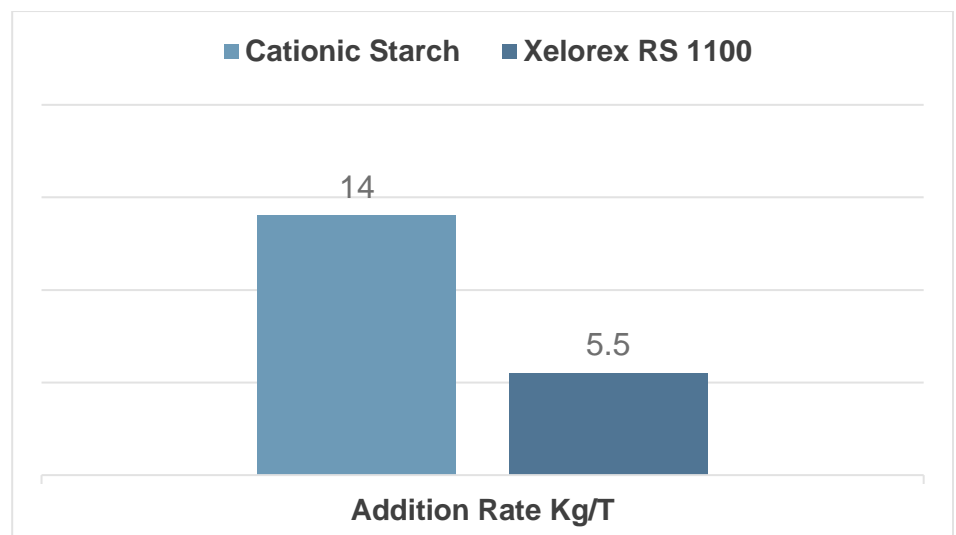
A European kraft liner producer had to reduce machine speed to maintain strength characteristics. The starch additive being utilized didn't provide sufficient strength and was having a negative impact on sheet drying. Additionally, the mill had problems conforming to aluminum content in the paper, according to BfR requirements.

Recommended Solution

Solenis evaluated the mill furnish and recommended the use of Xelorex RS1100 paper performance additive, a cationic Polyvinylamine homopolymer, added prior to the centri-screen.

Results Achieved

The mill was able to increase strength characteristics enabling a machine speed increase of over 5% through the elimination of starch additives. In addition, PAC could be removed from the process while improving machine cleanliness, retention and dewatering.



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