

## RECORDED BENEFITS

- Dry strength characteristics significantly improved
- More consistent strength achieved
- Elimination of fixative/charge control products

## New Dry Strength Program Helps Mill Produce High-Performance Packaging Grade and Reach New Markets

### Xelorex™ RS1200 Paper Performance Additive

#### Customer Challenge

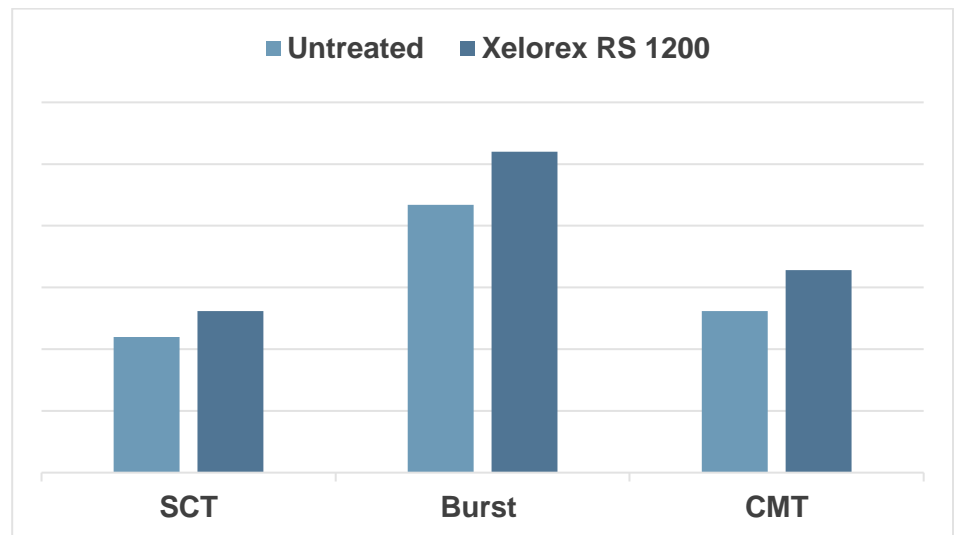
A European containerboard producer was challenged to achieve the required strength specifications to enable the production of high-performance low basis weight grades. Addition of traditional starch additives were unable to reach required strength targets and potential markets could therefore not be accessed.

#### Recommended Solution

Solenis evaluated the mill furnish and recommended the use of Xelorex RS1200 paper performance additive, a cationic Polyvinylamine homopolymer, added to the outlet of the machine chest.

#### Results Achieved

The mill was able to achieve significant improvement in dry strength characteristics. SCT (+15%), Burst (+20%), CMT (+20%). Addition of fixative product was eliminated. High performance grades could successfully be produced.



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