

# Case Study

» NEW MATERIALS | » PACKAGING | » PRINT PRODUCTS | » RESOURCE EFFICIENCY

## Quality monitoring of paper for recycling

### Aims and benefits

- Continuous quality monitoring of paper for recycling on the feeding belt
- Reducing the response time of feeding and treatment systems (process control)
- Avoiding quality fluctuations that could have adverse effects on the treatment of recycled fibre pulps in paper mills
- Measuring parameters: ash, moisture, share of sorted graphics for deinking, newsprint/magazine ratio, shares of packaging papers (corrugated board, cartons etc.), plastics, flexoprinted newspapers

### Application areas

- Suitable for both loose and baled papers for recycling
- Automated measurements
- Measurements in the NIR range
- 32 (or 64) measuring zones across the width of the conveyor belt
- Spatial resolution: 4 cm x 2 cm



### Contact

Gerhard Gärtner

+49 3529 551 652

gerhard.gaertner@ptspaper.de

Jörg Hempel

+49 3529 551 659

joerg.hempel@ptspaper.de