

RECORDED BENEFITS

- Uniform sheet adhesion despite SPR nip moisture variation
- Wider operating window at Yankee dryer
- Improved productivity, blade life, and sheet quality
- Proven performance with Rezsol CS3290 modifier and traditional release agents

Tissue Mill Improves Machine Productivity

Crepetrol™ CS1190 Adhesive

Customer Challenge

A high speed LDC machine with integrated fiber supply was unable to meet bath production targets between maintenance shutdowns. A mechanical problem with the pressure roll resulted in large variations in the CD nip moisture. The impact on the coating was significant: poor adhesion, streaking, and inadequate Yankee surface protection.

Recommended Solution

Evaluate Crepetrol CS1190 versus the traditional crosslinking adhesive. Maintain level of Rezsol™ 4609 release agent. Monitor blade life, crepe quality, Yankee appearance, and runnability.

Results Achieved

The results were immediate; within minutes of the coating change the sheet was back on the reel and able to meet all production and quality targets until the next scheduled maintenance. The Yankee dryer was protected and there was uniform sheet adhesion despite the suction pressure roll nip moisture variation. The machine operating window widened and blade life improved.

During later evaluations, the Crepetrol CS1190 was also run with the Rezsol CS3290 modifier. This provided additional stretch and a more even edge protection.



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