



## Novel Pitch Control Chemistry Allows for Cleaner Pulp at Lower Costs

### *Infinity™ PK2735 Pitch and Stickies Control Agent*

#### Customer Overview:

- Segment: Pulp and Recovery
- Product(s): Kraft Pulp, Printing and Writing
- Location: Southern United States

#### Application Overview:

- Type: Pulp Mill Brown Stock, Bleach Plant
- Equipment: CB Washers / Presses
- Capacity: 1100 TPD Southern Softwood

#### Existing Treatment:

Competitive pitch control program fed at 0.75 lbs/ton to brown stock washers, post O2 washers and Eop washers.

#### Problem Summary:

The mill noted an increase in dirt content in the market softwood pulp. An increase in softwood production led to poor runnability and washing in the fiber line. Poor washing contributed to higher costs and increased pitch in the system.

#### Customer Objectives:

- Reduce dirt in the market softwood pulp
- Improve performance of softwood brown stock washers, post O2 washers and the Eop washers
- Reduce production costs

#### Solenis Solution:

Solenis proposed replacing the existing program with a new pitch control chemistry marketed as Infinity PK2735 pitch and stickies control agent.

#### Customer Benefits:

Infinity PK2735 pitch and stickies control agent enabled the mill to produce a cleaner pulp at lower costs. The black liquor solids to recovery increased at the same time that cleaner pulp was being sent to the bleach plant. The mill was able to save 1/2 lbs/ton of ClO<sub>2</sub> and 2 lbs/ton of caustic in their operation.

#### Conclusion:

Infinity PK2735 pitch and stickies control agent successfully replaced an incumbent pitch control program at the mill. The pulp produced is lower in dirt than the previous program. The Infinity program also provided substantial operational savings.

