

# Absorbent Products Design Symposium

## PROGRAM HIGHLIGHTS -- TUESDAY, MAY 21 & WEDNESDAY, MAY 22

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This conference is about the nuts and bolts of how to design, qualify and compare disposables. It covers what's important to consider for success, what data looks like, and how it is generated for maximum effect. The presentation begins where INSIGHT 2012 left off.

*Subjects to be covered include these and more:*

- Predicting Performance in the Real World
- Testing Test Fluids and Method Selection – the Good, the Bad and the Ugly
- Protocols Considered and Compared
- Acquisition of Liquids in Complex Systems
- Fluid Transport in Thin Products
- SAP Technology and Engineered SAP Performance
- Comparing Fluff Pulps
- Comparing Superabsorbents
- Comparing Blends of Fluff and SAP
- Analyzing SAP Content in Unknown Diapers
- 25%, 50% and 75% SAP Cores Compared
- 2010-2013 Diaper Comparative Test Results for Commercial Diapers
- Layered Assemblies and Implications
- Density Gradient and 3-D Structures
- Evolution of Shaping, Density and Thickness
- Thin Baby Diaper Approaches and Implications
- Adjusting Diaper Design Formulas to Accommodate Material Price Shifts
- Technology Changes and Evolution of Product Offerings
- Superabsorbents: Players, Worldwide Capacities, Forms, Chemistries, and the Future
- Urination in Children and Adults: Designing for Differences in Age, Day versus Night, and Symptoms
- Adult Incontinence: Segmentation, Prevalence, Flow Rates and Amounts by Type
- Skin Care Management in Baby Diapers, Adult Incontinence and Wipes
- Fluff Pulp: Worldwide Capacity by Producer and Types, and Implications for Fluff Pulp Selection
- Hammermill Variables, Optimization of Results, and Fluff Grade Selection for Diapers and Wipes

(continued)

- Feminine Hygiene Pads: Fluff, Airlaid, and Foam-based Systems Compared
- Marketing and Product Needs – Influence of Obesity, Medication and Other Health Trends
- Barrier Film Technology and Applications - Testing, Selection, and Trends
- Core Integrity and Evaluation
- Blended SAP Systems and Layering Options
- Viable Low-cost Options for Pulpless versus Near-pulpless Designs
- Instructive Designs of the Past
  - Serenity
  - Change 'N Go
  - Phases
  - Goon
  - White Cloud
  - Infinity
  - Envive
- Preformed Cores – Implications and Challenges
- Roll Good Absorbents, Synthetic Alternatives, and other Options for Thin Cores

## ***Tour and Demonstration***

**THURSDAY, MAY 23, 2013**

***SPECIAL OPPORTUNITY!***

**MTS AIRLAID PLANT TOUR &  
DEMONSTRATION, 8:30 - 11:00 A.M.**

A short bus trip will take delegates to the MTS facilities. Delegates will observe the production of grades of ultrathin and exotic hygienic composites including: diapers-on-a-roll, ultra-high-percent SAP composites, two-sided wipers and 100% synthetic absorbent core.

In addition, the MTS testing facility will be demonstrated, including hammermills, nit counters and advanced testing devices.

This is a special opportunity since airlaid plants are seldom open for public tours and this particular facility has unique product design capabilities.

**All delegates will receive a sample fabric book from the demonstration runs in addition to the conference proceedings.**

