

Techpap SAS

Ready to start the challenge for 2014, TECHPAP is working hard on high visibility with our presence on several spring shows such as :

- Asian Paper Bangkok (April 23 - 25)
- Millvision Seminar Netherland (June 11-12)
- Zellcheming Frankfurt (June 24-26)

At the end of the first quarter, TECHPAP is showing a pretty good start of the year in terms of turnover, now let's focus on going further !

Fibers are not only present in the Paper industry and we may find many more applications for fiber morphology analysis. We find for our key products new applications and new markets to increase our sales opportunities. Here are a few examples :

Morfi Compact and the lignocellulosic fiber

INRA* R&D center in France chose the Morfi Compact for understanding of the monitoring of pulping of the lignocellulosic fiber.

Despite their mechanical properties, the natural fibers have not been yet extensively used in the current composite market. Actually, the rather unpredictable fibre behavior during transformation process (extrusion or injection) does not meet industry requirements.

That is why INRA wants to understand better the processing condition in order to allow natural fibers (like hemp, linen, etc...) to be used more in composite materials.

To do this, the best way is to control the morphological properties of fibers at each different step of the process.

All these objectives need a quick and powerful characterization tool suitable for a fibrous content (pre-process or post process) with a scale of work from centimeter to a few microns.

The MorFi Compact is the solution for accurate monitoring of natural fiber morphology.

* National Institute of Agronomic Research



view of fibers using MorFi

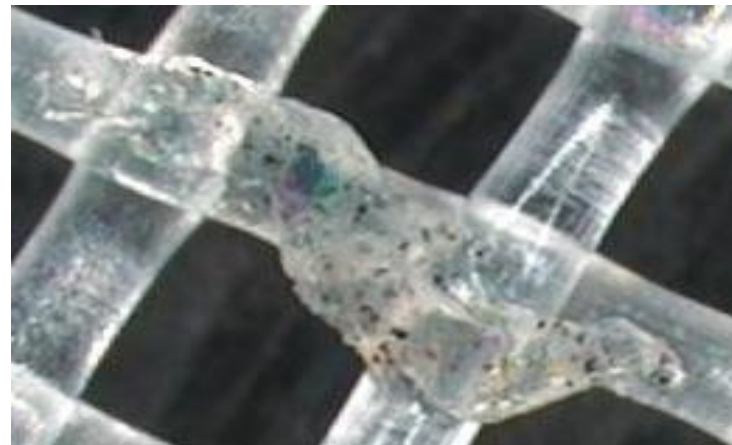
Simpalab INGEDE & Stickies

Stickies in pulps originate from tacky components in recovered paper cause problems during paper production and converting as well as quality defects.

- Paper Break (on paper machine or during converting & printing)
- Deposit in Drying Section
- Pinhole on paper
- Black / Colored spots

The SimpaLab, fully compliant with INGEDE Method 4, allows you to optimize your process, increase the runnability of your Paper Machine by the knowledge of the pollution of your Pulp in Stickies and as consequence makes you save times & money.

SimpaLab gives you an easy way to get a objective and reliable value of the quantity of Stickies contaminants in you pulp, the pre setting of the software making the analyse quick and simple.



Example : Effective Cost of Stickies on Printing Paper Mill Production of 600 000 tons / years :

Estimation of cost linked to stickies is between 1,5 to 2,5 millions Euros with the following repartition :

- 50% PM Stop
- 25% Chemical (Coagulant & Dispersion Treatment)
- 15% Cimical (Passivating Agent)
- 10% Customers reclamations.



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