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Perguntas / Questions

Pergunta nº: 813/Question nº: 813

Título: /Title: Questions about *Eucalyptus* pulps and utilization from a novice in China

Por: / By: **Fabry Ma**

E-mail: mayuqin@ghy.com.cn

Questão: /Question:

Dear Celso Foelkel:

I know you from the website: www.celso-felkel.com.br which focus on the knowledge of *Eucalyptus* pulp. As a new worker in the papermaking industry, I have some questions about pulp made from *Eucalyptus* and its utilization in producing fine paper or tissue paper. Your suggestions or answers will be appreciated.

In a pulp mill, some parameters will be tested for evaluating pulp stability or properties, such as viscosity, NaOH solubility (R-10, R-18), DCM extractives, residual chlorine, pentosans, etc. I am confused about what are to be the most important, to identify the properties of pulp or all of them are very important? Is there any standard specification of above items in order to keep pulp quality stable? NaOH solubility testing aims to know the content of hemicelluloses and degraded cellulose. Why do we need to know these? Are there any relationship between NaOH solubility and pulp quality or fiber strength or machine runnability? Are there any special differences between never-dried pulp and once-dried pulp? I always believed that never dried pulp will cause great problem in paper mill because never dried pulp will take much more detrimental residues to paper machine. What is your opinion?

I am looking forward to your answer! Best regards!

Fabry Ma

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Resposta por Celso Foelkel: / Answer by Celso Foelkel:

Dear Fabry Ma, thanks for your comments and questions. All your questions may be fully answered in case you are able to read the recently launched Eucalyptus Online Book chapter titled: "**Papermaking Properties of *Eucalyptus* Trees, Woods, and Pulp Fibers**"

Please, go to the URL address provided below for the downloading:
<http://www.eucalyptus.com.br/eucaliptos/ENG14.pdf>

Best regards

Celso Foelkel

Outros Comentários: / Other Comments:

Por: / By: [Fabry Ma](#)

E-mail: mayuqin@ghy.com.cn

Dear Celso Foelkel:

Thank you very much for you kindly advice.

Best regards!

Fabry Ma