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Perguntas / Questions

Pergunta nº: 1205/Question nº: 1205

Título: /Title: *Eucalyptus* and cardboards and containerboards

Por: / By: **Ben Hoskin**

E-mail: ben.hoskin@blackrock.com

Questão: /Question:

Dear Celso,

I've been really enjoying reading your online Eucalyptus book; thanks very much for putting the time into it, and especially for making it freely available! I had an (embarrassingly simple) question I was wondering if you could help me with. *Eucalyptus* is currently popular for stuff like tissues and tobacco paper, but is it possible to use it for cardboard – for linerboard, or the corrugating medium in the middle? I wasn't sure if the fiber length was long enough. Or could you mix some *Eucalyptus* with

some softwood, to save on the amount of pine you'd otherwise need to know?

Thanks very much for your help,

**Cheers,
Ben**

Resposta por Celso Foelkel: / Answer by Celso Foelkel:

Thanks Ben for your comments.

Eucalyptus fibers are frequently used in cardboards – in general in 100% in the white layer for better printing. The containerboards are also produced with mixtures of long and short fibers – both recycled and virgin containerboards – liner or corrugating medium. *Eucalyptus* pulps (short fibers) are seldom available in the unbleached form – the most important addition of value to short fibered pulps is the bleaching.

For your information, a product named Eucaliner was produced in the past by a large Brazilian paper manufacturer (Klabin) – it was a linerboard containing high percentages of *Eucalyptus* semi-kraft unbleached pulps. I do not know the reason for discontinuation of this product – probably because competition of the recycled liner.

The chip blends are usual in Brazil – the addition of a small percentage of *Eucalyptus* wood chips to softwood not only save wood but improves yields and digester productivity (reasons – better wood density and much higher kraft pulp yields for *Eucalyptus*).

**Best regards
Celso Foelkel**

Outros comentários / Other comments:

**Por: / By:
E-mail:**
