CHEMICAL PROPERTIES OF NAPIER GRASS PAPER USING SODA AQ PULPING

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ABSTRACT

REVIEW CHEMICAL PROPERTIES OF NAPIER GRASS PAPER USING SODA AQ PULPING

Napier Grass was known as the non-woody materials who were actually an excessive population. Thus, Napier Grass was being selected to produce a paper to replace the non-woody plants. The properties of Napier Grass are different than woody plants, nevertheless Napier Grass shown the greatest procedure and the speciality in terms of characteristics and the benefit towards the environment. The purpose of the study is to determine the. chemical properties of fiber and mechanical paper properties of Napier Grass and other lignocellulosic fiber. The approach that was employed was mechanical characteristics, which included tear testing, burst testing, freeness testing, and tensile testing on the paper itself. Another option for pulping is to utilise a soda AQ pulping procedure, which is more environmentally friendly. The study was resulting that Napier Grass are the most quality raw materials that can offered in terms of ease to get the population and the best method of pulping was been offered.

Keywords: Napier Grass, chemical properties, soda AQ pulping

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