MECHANICAL PULP FROM KARAS

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ABSTRACT

MECHANICAL PULPING OF KARAS

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Studied of Karas (*Aquilaria malaccensis*) from Thymelaeaceae family is purpose to determine the strength properties and the suitability of paper using mechanical pulping. Beating was set up 0, 5000, 10000, 15000 and 20000 r.p.m. The strength properties of paper measured using TAPPI Standard. Followed the results, all the mechanical properties is increase except freeness decreased. Tensile strength increase 24.18%, Burst index decrease7.91%, Tearing index increase 0.56%, freeness decrease 23.77% and bulk increase 6.8%. The result is affected by the revolution of beating used.