

CHEMICAL PULP FROM LUDAI (*Sapium baccatum*)

By

Nuor Balqis binti Rauli @ Ramli

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TABLE OF CONTENTS

	Page
APPROVAL SHEETS	ii
DEDICATION	iii
ACKNOWLEDGEMENTS	iv
LIST OF TABLES	vii
LIST OF FIGURES	viii
LIST OF PLATES	ix
ABSTRACT	x
ABSTRAK	xi
CHAPTER	
I INTRODUCTION	1-2
1.1 Problem Statement.....	2
1.2 Objective.....	3
II LITERATURE REVIEW	4
2.1 Ludai (<i>Sapium baccatum</i>).....	4-5
2.2 Chemical Pulp.....	5-6
2.3 Kraft Pulping.....	6-7
2.4 Fiber Sources.....	7-8
2.4.1 Wood.....	8-10
2.5 Fiber Separation.....	10-11
2.6 Yield.....	11
III MATERIAL AND METHOD	12
3.1 Sampling.....	12
3.2 Stock Preparation.....	12-13
3.3 Kraft Cooking.....	14-15
3.4 Beating Process.....	15-16
3.5 Trial Paper Making.....	17
3.6 Actual Paper Making.....	17-19
3.7 Paper Testing.....	20-21
3.7.1 Paper Cutting.....	22-23
3.7.2 Tearing esting.....	24
3.7.3 Tensile Testing.....	25

IV	RESULTS AND DISCUSSION.....	26
	4.1 Yield.....	26-27
	4.2 Beating.....	28
	4.3 Paper.....	28
	4.3.1 Freeness.....	29
	4.3.2 Bulk.....	30
	4.3.3 Tearing Index.....	31
	4.3.4 Tensile Index.....	32
V	CONCLUSION.....	33
	REFERENCES.....	34-35
	Appendix	36-37
	VITA.....	38

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ABSTRACT

The research was done on the Ludai species from Euphorbiaceae to study about the paper properties and the suitability of using chemical pulp. The method that have used is kraft pulping. The pulp that had been done produce can beat which the name of process is beating process using P.F.I. mill. The revolution is 0, 5000, 10000, 15000 and 20000. The testing was done on the paper using TAPPI standard to determine the paper properties either increase or decrease. After testing process was done on the paper, the freeness test is decrease for 0.7% and the bulk also decrease which the percentage is 14.28%. While the tearing index and tensile index are increase, there is 25% for tearing index and 66.67% for tensile index. Furthermore, the affect of the paper properties is beating process.