

UNIVERSITI TEKNOLOGI MARA

THE PHYSICAL PROPERTIES OF RAMBUTAN PACHAT
(Xerospermum spp.)

By

SHAHORIZAN BIN MOHD SAM
KHAIRUL MAZMIN BIN SAIDIN

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TABLE OF CONTENTS

DEDICATION	ii
ACKNOWLEDGEMENTS	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	vi
LIST OF FIGURES	vii
LIST OF PLATES	viii
LIST OF ABBREVIATIONS	ix
ABSTRACT	x
ABSTRAK	xi
CHAPTER 1: INTRODUCTION	1
1.1 Introduction	1
1.2 Justification	3
1.3 Objectives	3
CHAPTER 2: LITERATURE REVIEW	4
2.1 Overview of Rambutan Pachat	4
2.1.1 General Characteristic	4
2.1.2 Physical Characteristic	5
2.1.3 Uses	6
2.1.4 Present and Potential Uses	6
2.2 Physical Properties of Wood Material	7
2.2.1 Density	7
2.2.2 Specific Gravity	8
2.2.3 Moisture Content	9
2.2.4 Shrinkage and Swelling	10

CHAPTER 3: MATERIALS AND METHODS	11
3.1 Preparation of Raw Material	11
3.2 Procedure for Testing Methods	17
3.2.1 Density	17
3.2.2 Specific Gravity	17
3.2.3 Moisture Content	18
3.2.4 Shrinkage and Swelling	19
CHAPTER 4: RESULTS AND DISCUSSION	20
4.1 Introduction	20
4.2 Density of Rambutan Pachat	21
4.3 Specific Gravity of Rambutan Pachat	23
4.4 Moisture Content of Rambutan Pachat	24
4.5 Shrinkage and Swelling of Rambutan Pachat	25
CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS	33
5.1 Conclusions	33
5.2 Recommendations	34
REFERENCES	35
APPENDICES	37
VITA	59

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ABSTRACT

The study of physical properties was performing on rambutan pachat tree (*Xerospermum spp.*). Physical properties of rambutan pachat were determined by moisture content, density, specific gravity, shrinkage and swelling. The objectives of this study were to determine the physical properties of rambutan pachat, to compare the moisture content, density and specific gravity according to its portions (bottom, middle and top) and to compare shrinkage and swelling according to its portions (bottom, middle and top) and wood directions (tangential, radial and longitudinal). From this research, the result of physical properties of rambutan pachat could be used as basic properties for further study in order to utilize this material.