



DEVELOPMENT OF RUBBER COMPOUND FOR RICE HULLING ROLLER MANUFACTURE

This DISSERTATION WAS SUBMITTED BY
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OF THE REQUIREMENTS FOR THE DEGREE OF MAST~R
OF SCIENCE IN POLYMER TECHNOLOGY AT THE
UNIVERSITY OF NORATUWA

1987

78517



Abstract

The market potential and manufacturing techniques of rice hulling rollers have been briefly examined.

Selection of polymer, curatives and compounding methods were discussed.

Experimental data on the comparative performance including service trials, of natural rubber based rollers.

vis -a - vis synthetic rubber rollers is presented.

The special advantages of skim natural rubber in this particular application is emphasised.

The use of silane coupling agent and the cashew nutshell liquid based rubber to metal bonding system in rice hulling rollers is also described.