

**Properties of Particleboard
From Juvenile Akasia (*Acacia mangium*)
at 550 Kg/m³ and 650 Kg/m³ with 8% resin**

By

FATMAWATI BINTI ABDUL AZIZ

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Universiti Teknologi MARA
Pahang**

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ABSTRACT

In this study, two type of density that is 550 Kg/m³ and 650 Kg/m³ will be used *Acacia mangium* wood particles with 8% resin. This type of density will be made into board that, that is particleboard after been cured by heat and pressure. Several types of test will determine the properties of this board. The result shows that higher density will give better properties in most of the test expect Thickness swelling.