

PROPERTIES OF PARTICLEBOARD FROM
JUVENILE *Acacia mangium*
AT 550 Kg/m³ WITH
8% AND 12% RESIN

By

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ABSTRACT

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This is a research for producing particleboard from Juvenile *Acacia mangium* wood dust and combine with UF Resin had been cured by heat and pressure. This testing are determine the suitability the combination of Juvenile *Acacia mangium* wood dust and UF Resin to produce particleboard. Tests are including bending test, thickness swelling and water absorption. These samples are following 8% and 12% of resin content. The result shows that the percentages of resin used are affecting the properties of board.