MECHANICAL PROPERTIES OF ORIENTED STRAND BOARD FROM KELEMPAYAN SPECIES *(Anthocepalus chinensis)* WITH DIFFERENT DENSITY AT 5% RESIN CONTENT

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ABSTRACT

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Oriented strand board (OSB) is the one of the many types of product based on wood. It is a new product that introduce in Malaysia. The research that has been done with used Kelampayan species *(Anthocepalus chinensis)* as raw material shows the validity result. The tests of bending and internal bond were achieved the result over the standard (British standard). The result that are got said with using the different density influences the properties of OSB in OSB manufacturing. Higher density with resin can produce the good quality of OSB.