

**Properties of Oriented Strand Board at 600kg/m³ from Ludai spp
(*Sapium baccatum*)**

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ABSTRACT

Oriented strand board (OSB) From Ludai species has potentials to be commercializing especially in interior utilization. This species have interesting physical properties bright in color and the density is 400kg/m³. These properties are the factors why this study was made and to determine whether Ludai species is suitable or not in the production of OSB. The trial of using only 600kg/m³ density of board with different resin content which is 5%, 7% and 9% will pass through several type of test to determine the properties of this board. The result shown that the higher application of resin content will give better properties in most of the testing except thickness swelling and water absorption.