

**REVIEW ON PROPERTIES OF PARTICLEBOARD FROM
WOOD PARTICLES AND DRIED LEAVES**

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ABSTRACT

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The usage of rubberwood (*Hevea brasiliensis*) in particleboard manufacturing continues to increased rapidly throughout the year. This matter had led to shortage of rubberwood (*Hevea brasiliensis*) supply and raise concern among the wood supplier. Thus, researcher has began developing alternative materials which is by using Kayu Putih (*Eucalyptus pellita*) in particleboard manufacturing. This is compatible in particleboard manufacturing nowadays due to its fast-growing mechanism that takes only a few years to grow and around 5 years to harvest and produce a product. Moreover, Eucalyptus is one of the most precious and frequently planted hardwoods on the globe according to some researcher. This paper presents a more detailed review on the physical and mechanical properties and also the best temperature and ratio between dried leaves and wood particles for particleboard properties according to the results of some limited researches.

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