

**Properties of three layer particleboard  
From *Gliricidia sepium***

**By:**

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**ABSTRACT**

In this study, two percentage of resin urea formaldehyde that are 10% for core and 12% for face and back. The resin will be mixed with the *Gliricidia sepium* wood particles. This mixed will be made a board that called particleboard after been cured by heat and pressure. All the properties of this board will be determined by several types of test. But for bending testing are not showing the result because have small mistaken when during the bending testing. The result for bending testing are not showing at this project but for thickness swelling and water absorption are failed but for internal bonding still achieve the standard.