

**PROPERTIES OF PARTICLEBOARD FROM *LEUCAENA
LEUCOCEPHALA***

By:

MOHD SUHAIL B. SULAIMAN

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Industry, Faculty of Applied Science
Universiti Teknologi MARA
Pahang Darul Makmur**

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ABSTRACT

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Particleboard is one of the many types of product based on wood. The research that has been done is producing particleboards using Petai Belalang (*Leucaena Leucocephala*) in different density which is 550,700 and 800kg/m³ and using resin Urea-Formaldehyde at 5% and 8% and must be cured by heat and pressure. To test the properties of the board, it must be determined by several tests which are the bending test, thickness swelling and also the water absorption test.