

**PROPERTIES OF WOOD PLASTIC COMPOSITE FROM
DIFFERENT OIL PALM TRUNK REGION**

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**Final Year Project Report Submitted in
Partial Fulfillment of the Requirement for the
Degree of Bachelor of Science (Hons.) Bio-Composite Technology
in the Faculty of Applied Sciences
Universiti Teknologi MARA**

JULY 2013

ACKNOWLEDGEMENT

Assalamualaikum

Alhamdulillah, I am grateful Allah S.W.T the Most Merciful and Kind for the permission given to the final project paper entitled “The Properties Of Wood Plastic Composite From Oil Palm Trunk Region As Filler Loading” that had been successfully submitted as planned.

I also would like to express the special thanks to my advisor, Dr Syaikh Abdul Karim Yamani b Zakaria whose willingness to contribute her knowledge, effort and time to monitor the work we do until we completed our final project paper. Along the way without her instruction order, I could not complete our paper project. Only from the lesson given and gained, that I can finally finish the final project. Sincere thanks are also to our project coordinator, Prof. Aminudin b Mohamad for the cooperation.

My thanks also go to the staff of Wood Department. Without their help, support and contribution, this project cannot run smoothly and complete. Not forgets to all my friends that always give me support physical and mental.

Lastly I would like to thank both my parents so much, Zainudin b Hj Mat Hasan and Anisah bt Hasan because they give me endless support to finish this study. They also support me about financially and mentally during progress my thesis. I appreciated it.

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Region**

By

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JULY 2013

ABSTRACT

Plastic composite are being expanded currently. It constructed by composition with wood fiber and plastic. This research is to determine about the mechanical and physical properties of plastic composite from 3 different regions of OPT as filler. The small clear specimen of oil palm trunk plastic composite was created and separated with 4 testing that bending, tensile, thickness swelling and water absorption. Outer region of OPT give higher result in mechanical properties such as bending, tensile and test compared to another region. Besides that, physical properties give inverse result from mechanical properties.

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