DIMENSIONAL STABILITY PROPERTIES OF OIL PALM TRUNK

(*Elaeis guineensis)*

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ABSTRACT

Oil palm trunk *(Elaeis guineensis*) was used as raw material in this study. The objectives of this study were to determine the dimensional stability properties of oil palm trunk (OPT) at different portions (top, middle and bottom) and different layers (layer S1 and S2). Shrinkage and swelling testing were applied to all samples in determining the dimensional stability properties of OPT. The weight changes for each sample were recorded for every 24 hours until no weight changes anymore. From this study, it showed that there is significant different on dimensional stability properties at different portions and layers. Each portion and layer can give different effect on the dimensional stability properties of OPT.