

**PROPERTIES OF MEDIUM DENSITY FIBERBOARD(MDF)  
FROM FAST GROWING SPECIES IN PAKISTAN**

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## **ABSTRACT**

Fast growing species, sumble and eucalyptus were used to make Medium Density Fiberboard(MDF) due to the shortage of raw material and the rapid demand of MDF in Pakistan. This study conducted to evaluate the effect of press plate and board weight on Modulus of Rupture(MOR) and Internal Bonding(IB) of MDF. Mechanical properties were determined using bending and internal bonding test that then proceed into data collection. The data interpret the reading of MOR and IB of the board produced. In overall, the reading of press plate of MDF had no significant effect ,meanwhile the weight shows significant effect in term of mechanical properties of MDF. Hence, suitability of fast growing species as the raw material are demonstrated through the mechanical properties that fulfil the minimum requirement of MDF standard (EN 622-5:2006).

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