

## **EVALUATION OF THE MAJOR CRITERIA INTENSITIES FOR IRANIAN PARTICLEBOARD PRODUCTS WITH RESPECT TO MANUFACTURER'S ASPECTS**

Majid Azizi\*

Associate professor, Faculty of Natural Resources  
University of Tehran  
Karaj, Tehran, IRAN  
Email: [mazizi@ut.ac.ir](mailto:mazizi@ut.ac.ir)

Alireza Khakifirooz

Manager of cellulosic and packaging research group of ISIRI  
(Institute of standards and industrial research of Iran)  
Karaj, Tehran, IRAN

Farimah Moghimi

Graduate student, Faculty of Natural Resources  
University of Tehran  
Karaj, Tehran, IRAN

### **ABSTRACT**

Kinds of the particleboards are produced in Iran. The products are different together with respect to some physical and mechanical criteria, also quality and quantity of the production is growing. Successful competition of the products will need to acknowledge criteria intensities of the products. There are five major criteria which have influence on particleboard products ranking, including, moisture percent; density; thickness swelling percent; water absorption percent and bending strength. Three levels of the criteria intensities have been evaluated: high (H), medium (M) and low (L). AHP and Expert Choice 2000 have been used to evaluate weighing values of particleboards criteria and their intensities with respect to manufacturer's aspects. The results indicated that density of the products and its high intensity has the highest priority.

Key words: particleboard, intensity, criteria, AHP

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\* Corresponding author