

WOOD STRUCTURE IN RELATION TO OTHER WOOD PROPERTIES

BY

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ABSTRACT

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Wood structure properties that explained before had given many basic steps to classified and identified wood. Therefore, properties structure of wood besides for above purpose, it also give many effect overall when use it. For example in wood drying and preservation, in this process wood structure including the cell wall and pore is a way to the water and the chemical to persevere passageway from wood. All wood is composed of lignin, cellulose, hemicellulose, and extraneous materials contained in a cellular structure. This variation is the characteristics and volume of this component and differences in cellular structure make wood heavy or light, stiff or flexible and hard or soft. In addition, natural physical properties and the natural defect of wood also give the effect to value of wood besides for product that produce from wood.