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Sommario/riassunto

Wood as an engineering material can be technically defined "as a hygroscopic, orthotropic, biological, and permeable material having extreme chemical diversity and physical complexity with structures, that vary extensively in their shape, size, properties and function". Therefore, using wood to its best advantage and most efficiency in engineering applications, specific characteristics or chemical, physical and mechanical properties must be considered. The products are divided into two classes, solid wood and composite wood products. Solid wood includes shipbuilding, bridges, flooring, mine
