

Referência Completa do Artigo:

LUIS, Reinaldo Calçada Guina; NISGOSKI, Silvana and KLITZKE, Ricardo Jorge. Effect of Steaming on the Colorimetric Properties of Eucalyptus saligna Wood. Floresta Ambient. [online]. 2018, vol.25, n.1, e00101414. Epub Mar 19, 2018. ISSN 2179-8087.

Resumo Original (Abstract):

This study aimed to homogenize the color of Eucalyptus saligna wood by means of steaming and compare the resulting color with that of Cariniana legalis wood, a species of high commercial value. To this end, two steaming curves were tested: 100% relative humidity for 12 (T1) and 24 (T2) hours at 90 °C followed by drying in a pilot-scale conventional kiln. The colorimetric parameters L*, a*, b*, C*, and h were determined according to the CIE L*a*b* color measurement system after drying. Results showed that steaming can be used for color homogenization between heartwood and sapwood. The treatment conducted for 24 hours (T2) presented the best results.

Palavras Chave (Keywords):

Wood colour; Heat treatment; Alternative species

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