

## ROUGHNESS OF ESTERIFIED EASTERN C

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### Abstract

The aim of this study was to investigate the effect of esterification via on the surface roughness of eastern cottonwood. Eastern cottonwood esterified by using acetic or propionic anhydride without using any solv conditions. Two different weight percentage gains (WPGs) were obtain chemicals. Three main surface roughness parameters, namely averag to valley height (Rz) and maximum roughness (Rmax) were measured after esterification. The surface roughness was significantly increased