

Dyeproperties of Artificial silk/paper mulberry mixed fabrics using *Dendropanax morbifera* Lev.

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Abstract

Artificial silk that called "Ponggi (Gyeongsangbukdo, Korea) In-Gyeun" in Korea is entirely viscose rayon of which made main component refined larches and cotton linter. It also is natural fabrics with light weight, cool texture, free from the body and well ventilation property, so, feel good touch during the wearing. In addition, it often used as summer cloth and bedding because it has good absorbancy to perspiration and antistatic. The "Hanji", made of paper mulberry, is known as useful material for human. In this research focused on dyeability of Artificial silk/paper mulberry mixed fabrics using *Dendropanax morbifera* Lev.(called as "Hwangchil") Especially, the results were in comparison to the dyeing properties of Hwangchil with liquid/solid fermentation or not. As the results, The ΔE difference was dominated when the fabric dyed with fermentation by solid state at 60°C. And it was confirmed that the pH of fermented dye had an important influence in the coloration.

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참고문헌

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