

Project Report	Study and development Handicraft Textile Product by Printing With Banana's Gum
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Abstract

The purpose of thesis is to develop the screen ink from banana gum which can be printed on homespun cloths. Then the cloths can be used as interior decoration in living rooms. This kind of ink is produced by natural agent instead of synthetic, banana gum which acts as an adhesive agent like resin, tapioca flour as additive agent and colorants from nature. The colorants used in this experiment included green colorant from the mixture of Indian almond and mango leaf, red colorant from rosella, yellow from curcuma powder and brown from coffee powder. Boil the proportions of the ink; 200 milliliters of banana gum, 15 grams of cassava and 100 milliliters of colorant at 100 degree Celsius. After boiling, test for viscosity of the ink and screen on 3 kinds of homespun cloths; hemp-fibril cloths, cotton and silk.

The result of the experiment found that the different boiling time provided different value of viscosity. The 10-minute boiling outcome ink with the value of viscosity at 11,180 centipoints can provide the most completion of the details. Among the 3 kinds of homespun cloths; cotton provided the most density, the second is hemp-fibril cloths and the least is silk. About the discoloration after washing, printed ink on silk was all washed out, the most adhesive one was cotton and the second one was hemp-fibril cloths.

About the production design, the Asian style paintings of Sakuras and bamboo trees were screened on 5 kinds of house decorations; pillow cases, lanterns, paddings, partitions and tablecloths to show the identity of Japan and China.