

ABSTRACT

APPLICATION OF NATURAL DYES TINGI USING SCREEN PRINTING TECHNIQUE

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Tingi is one of the natural resources in Indonesia which has potential in the textile industry. Tingi as textiles natural dye that has a stable and strong brown color. Therefore, tingi is often used in various fabric dyeing techniques. Tingi also has been used by previous researchers as a textile natural dye paste in the screenprinting techniques. The screenprinting technique has the advantage that is fast to make a pattern and easy production process. So that, tingi has potential and possibility to develop as a natural dye paste using screen printing technique to find other variations from the previous research. This research aimed to exploit the potential of tingi plant and to get the right method in using the opportunities to develop a natural tingi dye paste using screen printing technique to find other variations from previous research. The method used in this research is literature study, observation, interview, and experiment to find answers the problem that has been identified. Based on these methods, a method experiment for developing tingi as natural dyes in screen printing technique by using 2 mordant to produce screen printing with stronger colors, as well as by using the painting mordant technique to produce other colors variations. From the results of screen printing, it can produce fabrics with characteristics. Then, tested by realizing the fabric to fashion products.

Keyword: Natural Dye, Tingi, Screen Printing.