

CHAPTER VI

Recommendation

1. The concept of this research is to combine reactive dyeing and finishing of cotton fabric in one stage process. This concept can be achievable but, however, the quality of degree of dye fixation was not good. So, in future research should be concentrate on how to find new crosslinking agent which can react with hydroxyalkyl dye and cellulose to gives high degree of dye fixation without compromising with the physical properties of dyed fabrics. The interesting crosslinking agent which possesses higher reactivity than BTCA is HMM as shown in Figure 6.1.⁽³⁰⁾

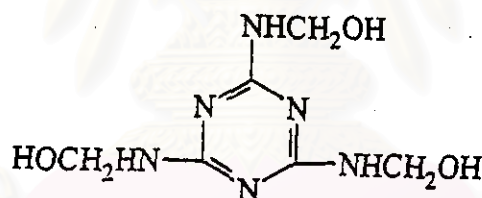


Figure 6.1 Structure of HMM.⁽²⁸⁾

2. To give high degree of dye fixation and crease resistant, the condition of chemicals, pH value, temperature and time must be concentrated to find the accurate ranges which will be given the best and appropriate condition of reaction.
3. The properties of dyed fabrics must be tested and measured in several properties to confirm the quality of the samples and reaction.
4. The instruments which used in the experiment must be cared and prepared for using suddenly to give high accuracy and high quality of the result.



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