

CHAPTER FIVE

FUTURE WORK & REFERENCES



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5.1. FUTURE WORK

- The mechanical properties of the pure esters of starch should be study in detail.
- Quantitative analysis of the thermo-oxidative degradation of the starch esters should be done to determine the effect of the degree of substitution upon the extent of thermo-oxidative degradation of the esters.
- Differential Scanning Calorimetric (DSC) analysis of the LDPE/starch esters should be carried out to determine the compatibility of the esters with LDPE.
- It is recommended to synthesize fatty acid esters of starch containing different degree of unsaturation, and the resulted esters should be blend with LDPE to study the mechanical properties and degradability of the resulted composites.



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