

## **ABSTRACT**

### **PROCESSING OF SUPERMARKET FRUIT AND VEGETABLE PACKAGING WASTE FOR FASHION PRODUCT**

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*The high demand for fresh vegetables and fruit in the community has contributed to the increasing amount of disposable packaging/ wrapper waste from vegetables and fruits found in supermarkets. Vegetables and fruit wrapper in supermarket are generally use foam-net, waring and plastic wrap because these materials are known to be able to maintain the condition of vegetable and fruit and reduce the level of damage while the distribution process.*

*Reprocessing disposable of supermarket vegetable and fruit packaging/wrapper waste is urgently needed to reduce pollution of the waste. Some of them is by treating the waste with surface textile techniques such as heat press, layering, and marbling so it is feasible to become raw material. Furthermore, the raw material that has been previously processed can be used as the main material and supporting material for fashion products with manipulating fabric and interlocking techniques. The results of this study are expected to provide variations and innovation towards futher processing of vegetable and fruit wrapper waste.*

*Keywords: Packaging waste, supermarket, surface textile, recycle, interlock.*