

ABSTRACT

Plastic straws that contain Polypropylene (PP) and Polystyrene (PS) is a drinking tool whose use is only used for a moment and ultimately increase the amount of waste. Waste plastic straws in the environment of Bandung is one of the element that causes pollution that is not easy to decompose due to plastic and inorganic base. The amount of waste plastic straw generated from the consumption of the community increases with the number of cafes and new restaurants that sell beverages in the area of Bandung. In addition, the waste of plastic straw has not been fully utilized. Based on the background quantity of waste plastic straw in Bandung has not been utilized, it is seen the potential to develop waste plastic straw products into alternative design accessories fashion products. One way to process suction waste can be obtained by hot textile technique using iron and solder. There are stages done for achievement in creating a work. The method used is the methods of craft art creation which is divided into exploration stage, planning stage, embodiment stage and evaluation. This exploration aims to draw out ideas and concepts to be applied through extracting data from literature studies, related agencies, and visual observations. From the exploration process it needs to be realized in the form of works of craft with the composition of the main material of waste plastic straw, which will be the concentration of this study with the aim can; An alternative to the industry of developing functional products, contributing ideas to the surrounding community, providing an alternative functional product for consumers, preserving the environment, and increasing the economic value of waste. The methodology used in this research is observation, exploration method, literature study consisting of book, final project report, journal and internet. The results of the exploration show that the use of hot textiles heating techniques on plastic straw material produces an innovative fashion accessories product where its use has several alternatives.

Keywords: waste, plastic straw, hot textiles