

ABSTRACT
PLASTIC BOTTLE CUP WASTE PROCESSING (HDPE)
WITH HOT TEXTILE TECHNIQUE
AS EMBELLISHMENT ON CLOTHES

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One of the plastic waste sources that generate the most waste is plastic bottles. This increase is due to the rise in activities and consumption among the Indonesian population. Plastic bottle waste is usually collected by recyclers for recycling. However, recycling typically focuses on the bottle body, while the caps are often neglected. A brand actively involved in processing plastic bottle cap waste is Olah Plastic. Through the innovations by Olah Plastic, this waste can be turned into various products such as furniture, coasters, and cutlery. However, due to ongoing production, the leftover scraps continue to accumulate and are often left unaddressed. The research method used in this study includes literature review, observation, and interviews to obtain data on the processing of production scrap waste. Additionally, this research is based on the exploration of hot textile techniques applied to production scrap plastic waste from bottle caps, which will result in a form of embellishment. The embellishment will then be applied using smocking techniques to create decorative element sheets. The final exploration result is decorative element sheets that can be applied to fashion products, specifically ready to wear deluxe.

Keywords : Bottle Caps, Felting, Waste, Embellishment, Clothing, Fashion.