

Water Soluble Film Paper As a Processing Media Polyester Waste in Convection Business

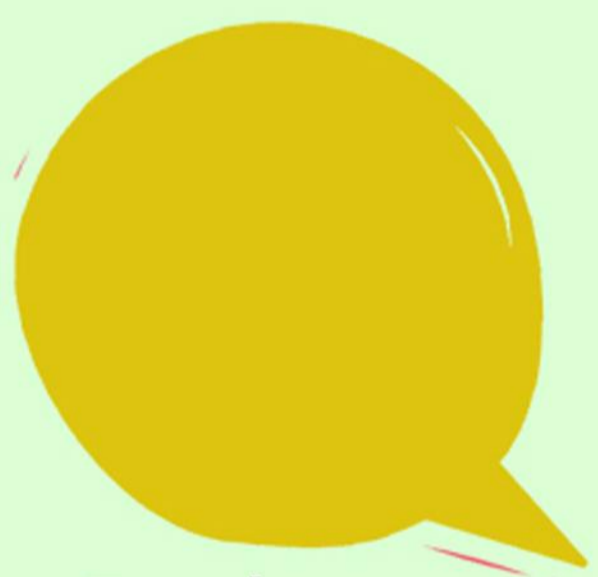


Now a days, the function of fashion products already shifted. From a body protector into an identity for spesific social classes. Along with that, the consumption demand of fashion product became higher. And it's change the production flow became faster. So that all of this process called Fast Fashion.

Convection Business is a local industry that applies Fast Fashion concept in their production chain.

POLYESTER USAGE

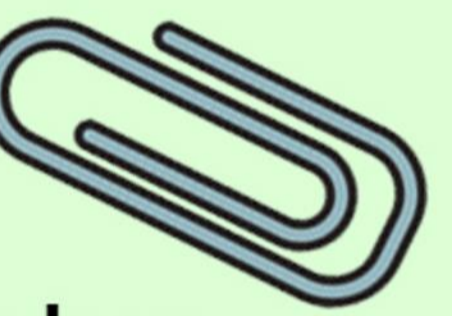
70% of raw material that used in Convection Business is Polyester



Indonesian Textile Association (API) recommends polyester as a major raw material for textile contractors due to the availability of polyester manufacturers in the country.



Quoted by Econusa, polyester waste produces 6% of Indonesia's plastic waste annually.



Pattern pieces waste. Size 25 cm x material length. (According to the pattern).



KIND OF POLYESTER WASTE

Residual production fabric . Width varies between 5 cm and 7 cm. Length 20 cm to 50 cm.



WATER-SOLUBLE FILM PAPER

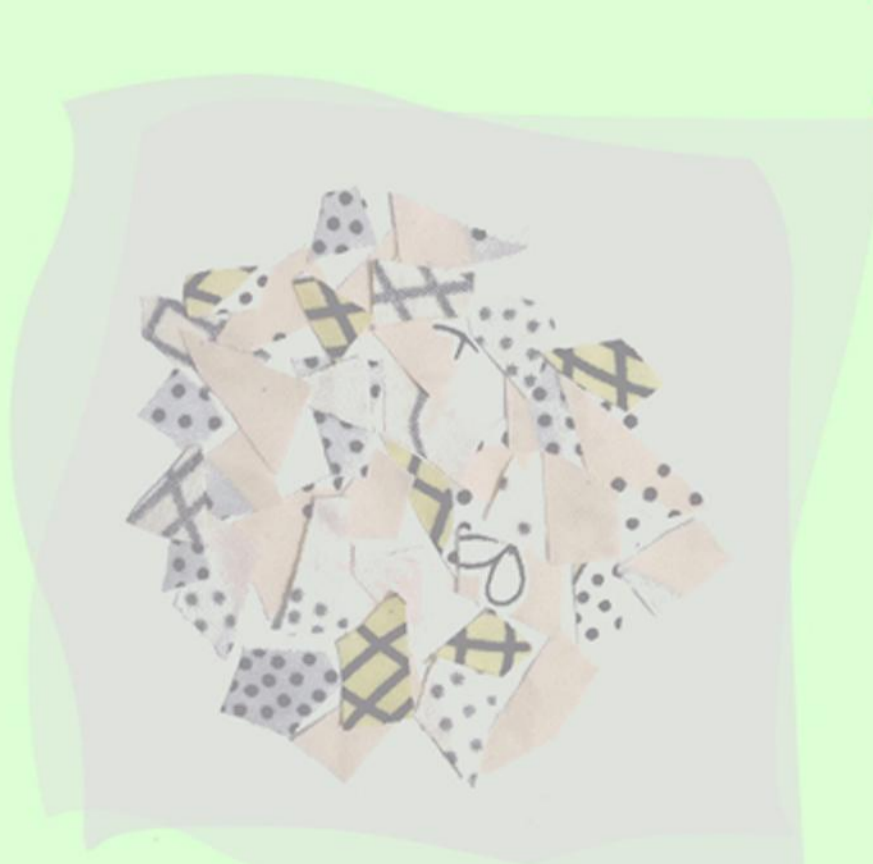
Water-soluble film paper is plastic or sheets that made from polyvinyl alcohol and soluble in water, polyvinyl commonly used as a capsule of medicine in the health sector.

APPLICATION OF WATER SOLUBLE FILM PAPER



1

Cut the cloth waste become small pieces.



2

Use water-soluble film paper as a flanker.



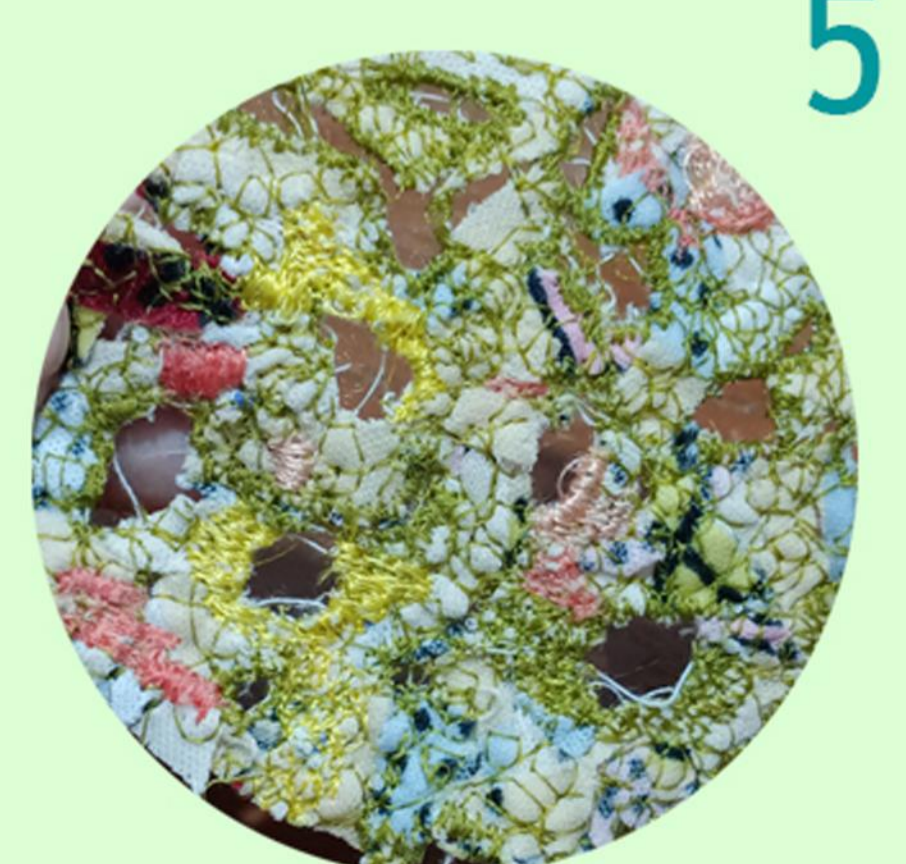
3

Combine waste with embroidery techniques.



4

Soak and wash using water.



5

Waste will assemble with additional embroidered accents.