Making Upcycled Jewelry Charm Claimed to be from Bone China Fragment

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Abstract

Nowadays, consumers are increasingly aware of environmental issues, leading to a growing demand for eco-friendly products. As a result, industries across various sectors, including the jewelry and gemstone industry, have begun adapting their practices to support environmental conservation. These efforts include optimizing production processes, repurposing waste materials, recycling used products, and upcycling jewelry.Upcycling is an environmentally friendly approach in which old or discarded materials are redesigned and transformed into new products without the use of complex chemical processes. This study utilized bone china, Fifteen bracelet charms were designed, each featuring nature-inspired motifs, including leaves, flowers, sea elements, and sky themes. The selected patterns were applied to pieces of bone china, and the charms were produced using an electric grinder pen for detailed shaping and engraving. The finished upcycled charms were evaluated for user satisfaction through Google Forms questionnaires

Introduction

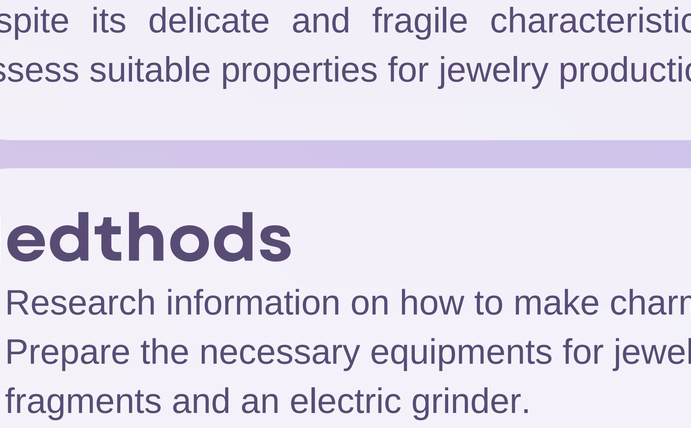
Bone china is a type of ceramic that contains animal bone ash and is known for its off-white, ivory-like appearance, translucent quality, and lightweight nature. Despite its delicate and fragile characteristics, broken bone china fragments possess suitable properties for jewelry production.

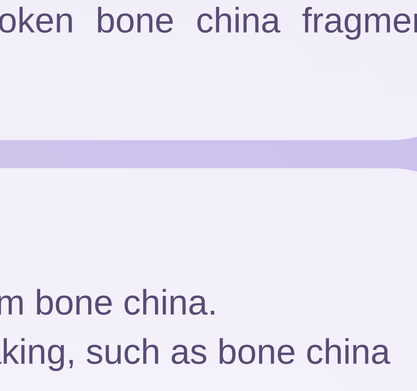
Medthods

- Research information on how to make charms from bone china.
- Prepare the necessary equipments for jewelry making, such as bone china fragments and an electric grinder.
- Design and create 15 charms, each piece measures 2-3 cm and weighs approximately 9 grams.
- Implementation of an online survey with 300 participants.

Result

The survey results indicate that people are interested in eco-friendly products and 15.12% of respondents (Currently 110 respondents) prefer dolphin charms, 13.29% prefer bird charms, 11.16% prefer cherry blossom charms. Furthermore, 43% of respondents prefer charms with ocean-related designs and shapes.







Conclusion

The study found that people are quite interested in charms made from upcycled bone china. The three most popular charm designs are dolphin, bird, and cherry blossom, in that order. The charm designs most favored by respondents were those with ocean-related themes. Furthermore, the research indicates that consumers are increasingly interested in environmentally friendly products.

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Questionnaire