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› Aestd-ST Polymer Clay 50 Colors Instruction Manual (Model YB0002)

## Aestd-ST YB0002

# Aestd-ST Polymer Clay 50 Colors Instruction Manual

Model: YB0002

## 1. INTRODUCTION

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Thank you for choosing Aestd-ST Polymer Clay 50 Colors. This kit is designed for creative projects, offering a wide range of colors and tools for both beginners and experienced artists. Our polymer clay is made from soft, non-toxic materials, adhering to ASTM D-4236 standards for safety.

**Safety Warning: This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended for all users, especially children.**

## 2. PACKAGE CONTENTS

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Your Aestd-ST Polymer Clay kit includes the following items:

- 50 individual blocks of polymer clay in various colors, each packaged in a PE bag.
- A two-layer plastic storage box for organization.
- A set of creative modeling and sculpting tools.
- Various accessories for crafting, such as jewelry findings.
- User manual (this document).



### 3. PREPARATION FOR MODELING

Before you begin your creative process, follow these steps:

1. **Wash Hands:** Ensure your hands are clean to prevent dirt or oils from transferring to the clay.
2. **Knead the Clay:** Polymer clay may be firm initially. Knead a small piece of clay until it becomes soft and pliable. This makes it easier to shape and prevents cracking during baking.
3. **Prepare Work Surface:** Work on a clean, smooth surface. Wax paper or a ceramic tile can be used to protect your work area.



Image 3.1: Operational guidelines for preparing and shaping clay.

### 4. MODELING INSTRUCTIONS

Once the clay is conditioned, you can begin shaping it using your hands and the provided sculpting tools. The clay is designed to be non-sticky and easy to mold, allowing for detailed creations.

- Use the various sculpting tools to add textures, cut shapes, and refine details.
- Combine different colors to create new shades or intricate patterns.
- For complex designs, build your creation in stages, ensuring each part is securely attached.

# OPERATIONAL GUIDELINES



Washing hands first before put cream

①



Knead the clay and soften it

②



Use clay and tools to make the shape you want

③

④



Place polymer clay on an oven-safe glass or metal surface. Bake for 15 minutes at 248–266 F (120–130 C) per 1/4 inch (6.4 mm) thickness

Image 4.1: Step-by-step guide to creating a clay bowl.



Image 4.2: Examples of finished polymer clay creations.

## 5. CURING INSTRUCTIONS (BAKING)

To harden your polymer clay creations, three methods can be used. Oven baking is the recommended and most effective method for durability.



Image 5.1: Curing methods for polymer clay.

## 5.1. Oven Baking (Recommended)

This method provides the most consistent and durable results.

1. **Preheat Oven:** Preheat your oven to **248-266°F (120-130°C)**. Use an oven thermometer for accuracy.
2. **Prepare Baking Surface:** Place your clay creations on an oven-safe glass or metal surface. You can line it with parchment paper or aluminum foil.
3. **Bake Time:** Bake for approximately **15 minutes per 1/4 inch (6.4 mm) thickness** of your clay piece. For example, a 1/2 inch thick piece would bake for 30 minutes.
4. **Cool Down:** After baking, turn off the oven and allow the clay to cool completely inside the oven before removing. This helps prevent cracking.

**Important: Do not exceed recommended temperatures or baking times, as this can cause burning or discoloration. Ensure good ventilation during baking.**

## 5.2. Hair Dryer Heating

This method is suitable for small, thin workpieces (1-2 inches) and quick hardening.

1. **Set Hair Dryer:** Use a hair dryer on its highest heat setting.
2. **Apply Heat:** Hold the hair dryer a few inches away from your clay piece, moving it constantly to ensure even heating.
3. **Check Hardness:** Continue heating until the clay feels firm to the touch. This may take several minutes depending on the size and thickness.

## 5.3. Boiling Method (Less Effective)

While listed as a method, boiling is generally less effective for achieving full hardness and may alter the clay's texture or color. It is not recommended for most projects.

1. **Boil Water:** Bring a pot of water to a rolling boil.
2. **Submerge Clay:** Carefully place your clay pieces into the boiling water.
3. **Boil Time:** Boil for 10-20 minutes, depending on thickness.
4. **Cool Down:** Remove with tongs and allow to cool completely.

## 6. CARE AND STORAGE

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Proper care and storage will extend the life of your polymer clay and tools.

- **Unused Clay:** Store unused clay in its original PE bag or in an airtight container to prevent it from drying out or hardening prematurely. Keep it away from direct sunlight and heat.
- **Tools:** Clean sculpting tools immediately after use with soap and water to remove any clay residue. Dry them thoroughly before storing.
- **Finished Creations:** Once baked and cooled, polymer clay creations are durable. Avoid exposing them to extreme temperatures or harsh chemicals.

## 7. TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

Problem	Solution
Clay is too hard to mold.	Knead the clay thoroughly for a longer period. The warmth from your hands will help soften it. Small amounts of clay softener (not included) can also be used sparingly.
Clay is too sticky.	If the clay is too soft or sticky, try chilling it in the refrigerator for a short period (5-10 minutes) to firm it up.
Clay cracks during baking.	Ensure the clay is thoroughly conditioned before shaping. Avoid over-baking or sudden temperature changes during cooling. Allow pieces to cool gradually in the oven.
Clay remains soft after baking.	Verify your oven temperature with an oven thermometer. The clay may not have reached the correct curing temperature or baked for sufficient time. Increase baking time slightly or ensure correct temperature.
Clay burns or discolors during baking.	The oven temperature may be too high. Always use an oven thermometer to ensure accuracy and do not exceed the recommended temperature range (248-266°F / 120-130°C).

## 8. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Aestd-ST
Model Number	YB0002
Color Set	50 Colors A
Material	Polymer Clay
Item Weight	2.86 Pounds
Number of Items	50 (clay blocks)
Product Dimensions (L x W x H)	6.3 x 5.91 x 3.15 inches
Age Range (Recommended)	3+ (Kids, Teens, Adults)
Special Features	Easy to sculpture, Easy to shape, Good ductility, Oven Bake
Included Components	Sculpting Tools, Accessories
UPC	734327901466

## 9. CUSTOMER SUPPORT

Our professional customer service team is dedicated to providing support for any inquiries or concerns you may have regarding your Aestd-ST Polymer Clay kit. If you encounter any issues during purchase or usage, please do not hesitate to contact us.

For further assistance, please visit the official Aestd-ST Store: [Aestd-ST Store on Amazon](#).

## 10. OFFICIAL PRODUCT VIDEOS

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No official seller-created product videos were provided in the product data for embedding in this manual.