

Precious Metal Clay



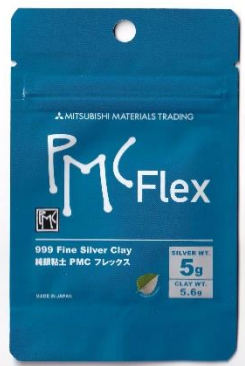
Precious Metal Clay is clay that becomes 99.9% pure silver when fired at high temperature. It is characterized by being soft and easy to mold like clay, and can create complex shapes that cannot be made from silver materials in the form of boards and rods. Customers who purchase will be provided with a detailed instruction manual, so please be sure to check it.

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PMC3

It can be shaved by natural drying. In addition, it has excellent mirror surface and high strength.



PMC Flex

Compared to PMC3, it has excellent moisture retention and can be molded slowly.



PMC3 Paste

Pasty clay.
Used for bonding and repairing clay to each other.

◇ Please contact the supplier for prices (for 5g, 15g, 50g).

Storage precautions

- It can usually be stored unopened for 2~3 months, but please use it as soon as possible.
- Wrap the remaining clay in cling film for food packaging and store it so that it does not come into contact with the outside air.
- When it becomes hard, it becomes soft by adding moisture.

Precautions when molding

- After firing, the work shrinks by about 10 ~18% (front and rear depending on the product), so it is recommended to mold it with a large size in advance.
- Dry naturally at room temperature for 1~2 days, or heat dry with a hairdryer for 30 minutes (if the thickness is 3 mm or less).
- PMC Flex has very good moisture retention properties and cannot be dried naturally at room temperature. In order to make it hard and dry, it is necessary to heat dry for 20 minutes with a hot plate 180°C /oven toaster 120°C/PMC starter kit. If it is fired without drying, it may swell or break due to the moisture contained inside, so be sure to perform this heat drying. (Drying in an electric furnace is not suitable for drying because the temperature setting at low temperatures is not stable.)

Precautions when firing

- Use a temperature-controllable electric furnace and fire at 700°C for 10 minutes, 650°C for 20 minutes, and 600°C for 30 minutes. (Upper limit 900°C) After firing, let it cool in an electric furnace.
- If the work is thin or in the shape of a thin string, it may not be possible to obtain sufficient strength after firing, so we recommend that you avoid firing in a short time and fire thoroughly.

Hirosawa Enamel

Precious Metal Clay × Enamel

— Introduction of work examples —



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「Flower maze」

The fired precious metal clay adheres to the cloisonné glaze in the same way as pure silver. Because of the high degree of freedom, a wide range of expressions are possible.

Three-dimensional works

If you use precious metal clay, you can make three-dimensional works with complicated shapes.



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「beach」



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「流想」

Plique-à-jour

“Plique-à-jour” is a cloisonné ware technique in which a film of transparent glaze is baked onto a bottomless frame. After shaping the frame with precious metal clay and firing it, cloisonné glaze and silver wire are applied.



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