



## Standard Industry Co., Ltd.

Professional Glass Enamels & Ceramic Enamels Manufacturer & Supplier

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Glass Enamels: **4000M series of low-lead metallic cluster glass enamels**

4000M series of low-lead metallic pigment is mainly used for decorating auto glass, appliance glass, furniture glass and architectural glass as well as roll printing. This series of products is featured of diversified colors that can be deployed into colors of different effects.

**Tempering temperature: 680~720℃ Firing temperature: 600~650℃**

Color	No.
Copper red	4101M
Golden brown	4201M
Golden	4202M
Silver	4310M
Green	4401M
Blue	4501M
Bronze	4601M
Brown	4602M
Satin Bronze	4620M
Mauve	4625M
Silver	4705M

### Paste-oil ratio:

Powder lot: Varnish (8006) = 1 : 0.8~1

If paste is adhered on the screen when printed, we suggest adding a small amount of thinner (801902) into the paste to

adjust the viscosity and ensure a sustained printing.

**Coefficient of Thermal Expansion (CTE)**  $(75\sim85)\times10^{-7}/K$  ( 50-300℃ )

### Acid and alkali resistance

**Acid resistance:** The surface is eroded but can still clearly reflect images after dipping in 3.5% hydrochloric acid solution

for 10-15min at room temperature.

**Alkali resistance:** No sharp trace on the surface after dipping in 10% caustic soda solution for 10-15min.

**Supply Mode:** Powder, Printing ink