



Product Specification

Product:	Low Temperature Platinum Paste
Part Number:	55L-2209

- ※ Heat-curing platinum paste at 80-150°C
- ※ Suitable for flexible substrates
- ※ Compatible with dispensing and printing processes

Application Scope :

The single-component conductive slurry series is compatible with PET, PC and other films, providing excellent conductivity and film adhesion. It features superior printability, oxidation resistance, flexibility, and strong adhesion. The conductivity remains stable even after printing, during processing, or when the product is bent. It is suitable for both screen printing and spraying.

Usage Conditions :

Substrate	PET, polyester film, and other sheet materials
Usage Method	200-250 mesh screen printing
Leveling	Level at room temperature for 3-5 minutes (time adjusted based on actual leveling conditions)
Solidify	Bake at a constant temperature of 80-150°C for 8-30 minutes (for reference only; actual baking temperature and time may be adjusted as needed).
Thinner	ST1001

Characteristics :

1. Paste Characteristics :

Characteristic	Standard	Test Method And Conditions
1 Fineness	$\leq 15\mu\text{m}$	FOG test
2 Viscosity	80-220Pa.s	Brookfield HBT (Boli Fei) viscometer, rotor SC4-14/6R, 10 rpm, with adjustable viscosity at $25\pm 1^\circ\text{C}$ according to user requirements.
3 Solid Content	65-70%	Platinum

**2. Characteristics After Curing :**

Under the condition of 1 sintering, Check fired film produced under the conditions specified in 1),

Characteristics		Standard	Test Method And Conditions
4	Resistivity	20~30Ω/□	The cured film thickness is 8-20μm, and the test pattern size is 100mm*1mm.
5	Hardness	2H	Pencil hardness
6	Adhesion	Not fall off	

Save Conditions And Validity Period :

The product shall be stored in a sealed container at an ambient temperature of 5-15°C, with a shelf life of six months from the date of shipment.

Packaging Method :

Standard packaging, 1000g/can, samples may be repackaged as required