

Product specification

Product:	Filler conductive silver paste
Part number:	01H-5901

Application scope :

This product is suitable for use in LTCC, LED, and other ceramic circuit fill applications.

Usage conditions:

Substrate	Ceramic circuit
Printing	Screen printing
Leveling	Let it level at room temperature for 5-15 minutes (adjust time based on actual leveling conditions).
Drying	Bake in a ventilation oven at 100-150°C for 10-15 minutes (the test temperature should not exceed 300°C; the baking time may be adjusted based on actual conditions).
Firing Condition	The sintering is carried out in air atmosphere, the maximum temperature is 600~900°C (recommended value), and the time is 10 minutes.
Thinner	ST-1000

Characteristics:

1. Paste Characteristics:

Characteristic	Standard	Test method and conditions
1 Fineness	≤5μm	FOG test
2 Viscosity	200-580Pa.s	Brookfield HBT (Boli Fei) viscometer, rotor model SC4-14/6R, operates at 10rpm with a temperature range of 25±1°C. The viscosity can be adjusted according to the user's specific requirements.

2. Characteristics after curing:

Under the first sintering condition, the film thickness is 8-12 μm . Check fired film produced under the conditions specified in 1) , (Film thickness is 8-12μm.)

Characteristics	Standard	Test method and conditions
3 Resistivity	≤5mΩ/□	Test pattern 0.6mm×60mm



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Save conditions and validity period :

The product should be stored in a sealed container at 5-25°C, with a shelf life of 1 year from the date of shipment.

Packaging method:

Standard packaging: 1000g per can. Sample available in 200g small can packaging.