



## 产品规格书/Specification

产品/product:	<b>低温银浆/ Silver paste</b>
料号/Part number:	<b>01L-3611D</b>

- ※ 80~120℃加热固化银浆
- ※ 适用于柔性基材，陶瓷，玻璃，金属等基材电极
- ※ 点胶，印刷均可
- ※ 银含量高，电阻低

### 适用范围/Application:

单组分导体浆料系列，可广泛应用于薄膜开关、柔性印刷电路、笔记本键盘电路、手机键盘屏蔽线路、多层线路印刷、射频干扰屏蔽、RFID、玩具、学习机电路印刷和触点印刷等领域，在氧化铝陶瓷、微晶玻璃陶瓷、PET、PC 等片材上均可使用，可提供优良的导电性和薄膜粘接性，有着良好的印刷性、抗氧化性、柔性和极强的附着力，其导电性能不会因为印刷后的加工成型或产品使用时的弯曲变化发生大的偏移，丝网印刷、喷涂均可。

01L-2200 series, single group slurry, widely used in thin film switch, flexible printed circuit, laptop keyboard circuit, phone shielding keyboard circuit, multilayer printed circuit, RF interference shielding, RFID, toys, learning machine printed circuit and contact printing and other fields, in the alumina ceramic, microcrystalline glass ceramics, pet, PC, and other sheet can be used, can provide excellent electrical conductivity or adhesive film, has a good printing, oxidation resistance, flexible and strong adhesion, the conductive performance is not because of the occurrence of large offset printing process or product using the bending changes, screen printing, spray can.

### 使用条件/Operating conditions:

基材 Substrate	陶瓷基板、PET、聚酯薄膜等片材 Suitable for Ceramic, Pet, PI etc
使用方法 Method of use	200-250 mesh stainless screen 200-250 目丝网印刷
流平 Levelling	3-5min minutes at room temperature 室温下流平 3-5 分钟（时间根据流平的实际情况决定）
固化 Curing conditions	在恒温烘箱 80-120℃，10-30min 80-120℃，10-30 mins (For reference, the baking temperature and baking time can be set according to actual needs) (仅供参考，具体烘烤温度和烘烤时间可根据实际需要设定)
稀释剂 Thinner	ST-1001



**性能/Characteristics:**

**1. 浆料性能/Paste Characteristics:**

性能 Characteristic	标准 Standard	测试方法及条件 Test method and conditions
1   Fineness 细度	≤15μm	FOG test
2   Viscosity 粘度	80-220Pa.s	Brookfield HBT utility cup and spindle (SC4-14/6R), 10rpm, 25±1°C, Brookfield HBT (博利飞) 粘度计, 转子 SC4-14/6R), 10rpm, 25±1°C 粘度可根据用户实际需要调节。
3   固体含量 content	65-70%	银 Silver, Glue

**2. 烧结后特性/Characteristics after curing:**

在 1 烧结条件下, Check fired film produced under the conditions specified in 1),

特性 Characteristics	Standard 标准	测试方法和条件 Test method and conditions
4   Resistivity 方阻	≤25mΩ/□	固化膜厚 8-20μm, 测试图形 100mm*1mm Cured film thickness 10-25μm, test pattern 100mm * 1mm
5   硬度 Hardness	2H	铅笔硬度 Pencil hardness
6   附着力 Adhesion	无脱落 Not fall off	3M 600#胶带 90°拉 3M 600#Tape 90°Pull

**保存条件, 有效期/Storage condition and Term of validity**

产品应在 5-15°C 的环境温度下密封储存, 有效期为产品发货之日起六个月。

The product shall be guaranteed for 6 months after shipping date, keep tightly under at 5-15°C

**包装方式/Packaging method:**

标准包装, 1000g/罐, 样品可提供 200 克小罐包装

Standard package 1000g/can, if you need sample to test, available 200g with small package.