



产品规格书/Specification

产品/product:	导电银浆/ Silver paste
料号/Part number:	01M-4900 系列 (series)

适用范围/Application:

此产品适用于钢化玻璃电极/加热使用。

Suitable for Tempered glass electrode & heating.

使用条件/Operating conditions:

基材 Substrate	普通玻璃钢化 Tempered glass
印刷 Printing	200-300 目丝网印刷 200-300 mesh stainless screen
流平 Levelling	5-15min minutes at room temperature 室温下流平 5-15 分钟 (时间根据流平的实际情况决定)。
干燥 Drying	通风烘箱烘烤 100-150°C, 10-15 分钟 (空考温度低于 300°C, 可根据烘烤的实际情况决定烘烤时间。) 100-150°C 10-15 mins
烧结 Firing Condition	1. Atmospheric firing in belt furnace with peak time of 9-11 Minutes at 600~750°C 隧道炉空气气氛下烧结, 峰值 600~750°C (推荐值), 9-11 分钟。 (可根据实际需要, 烧结范围可在 600-800°C 内调节) 2. 可随玻璃钢化是一起成型, 450-750°C Sintering with glass tempered together, 450-750°C
Thinner	ST-1000

性能/Characteristics:

Item	01M-4903	01M-4904	01M-4905	01M-4906	01M-4907	01M-4908	01M-4909
Fineness 细度 (um)	≤5	≤5	≤5	≤5	≤5	≤5	≤5
Viscosity 粘度 (pa.s)	80-280	80-280	80-280	80-280	80-280	80-280	80-280
Silver content 银含量 (%)	80~85	75~80	70~75	65~70	60~65	55~60	50~
Resistivity 方阻 (mΩ/□)	≤3	≤5	≤7	≤10	≤15	≤20	≤30
Adhesion 附着力(N)	≥55	≥52	≥50	≥48	≥45	≥42	≥40



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标准 Standard	测试方法及条件 Test method and conditions
Fineness	FOG test
Viscosity 粘度	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。
Resistivity 方阻	Fired film thickness is 8-12µm.) 烧结膜厚 8-12µm. Test pattern 0.6mm×60mm 测试图形 0.6mm×60mm
Adhesion strength 附着力	Peel Test: 0.5mmφ Tin plated Cu wire soldered on 2mm×2mm Pad. 0.5mmφ锡浸铜线, 焊接面积 2mm×2mm Solder: 96.5Sn/0.5Cu Mildly activated flux used. 焊料: 96.5Sn/0.5Cu

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

产品应在 5-25°C 的环境温度下密封储存, 有效期为产品发货之日起 1 年。

The product shall be guaranteed for 1 year after shipping date, keep tightly under at 5-25°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.