Product Specification

Product:	Molybdenum Paste
Part Number:	64H-1805

Application Scope :

The product is suitable for high temperature co-burning and alumina ceramic metallization.

The main features are as follows:
- The shrinkage rate is consistent with that of ceramics, and the bonding strength between sintered ceramics and ceramics is good.
- It can meet the requirements of printing and hole filling.
- The metal particles are well dispersed and the metallized surface should be flat.

Usage Conditions :

Substrate	Alumina ceramic
Printing	200-250 mesh 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 (temperature below 230°C).
Firing Condition	The sintering temperature is 1300~1550°C (recommended value) and the peak time is 30-45 minutes.
Thinner	ST-1001

Characteristics :
1.Paste Characteristics :

	Characteristic	Standard	Test Method And Conditions
1	Fineness	≤5μm	FOG test
2	Viscosity	50-280Pa.s	Brookfield HBT (Boli Fei) viscometer, rotor SC4-14/6R,10 rpm, 25±1°C

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	≤25mΩ/□	Test pattern 0.6mm×60mm

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.