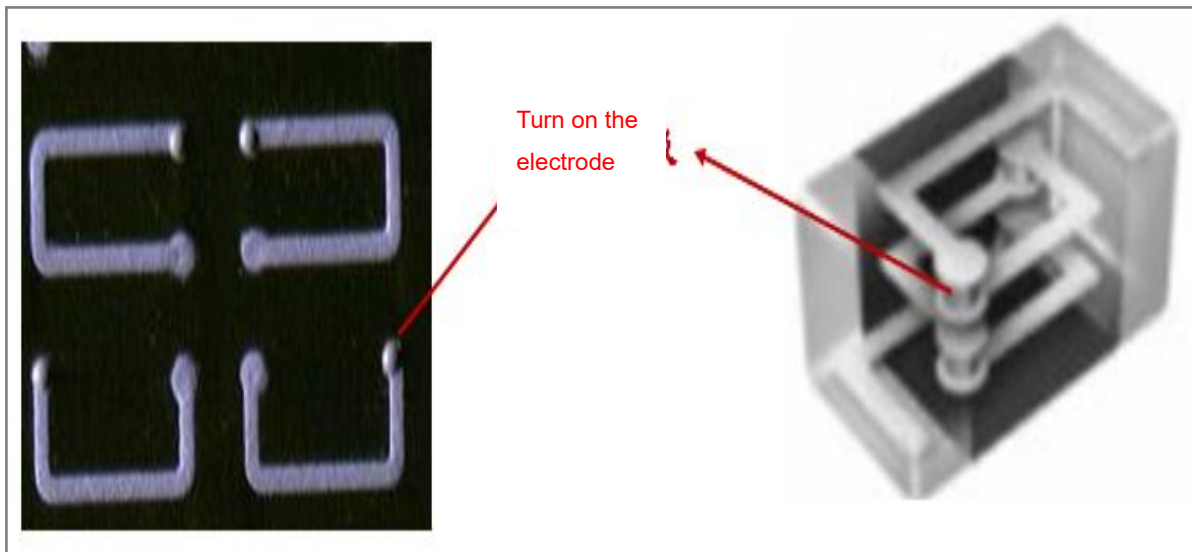


■ Silver Electrode Paste

◆ Features:

- * Paste fluid, mainly composed of silver powder, organic resin and organic solvent.
- * Free of lead, cadmium, chromium and other harmful substances and meets Rohs environmental protection requirements.
- * Widely used in chip capacitor, chip inductor, dielectric antenna and other basic components.

◆ The Inner Electrode Paste 、 End Electrode Paste And Spot Paste Are Applied To Chip Inductors



◆ Physical Properties:

Type	Solidcontent (%)	Viscosity (Pa·S)	F.O.G (The second line/90%)	Applicability
YP-10004A	82.5±1	45~55 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-10004A1	72.5±1	50~70 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-10004AG	82±1	100~200 (2.5rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-10004F	82±2	40~80 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-4N	82±1	50~90 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-5N	80.5±1	50~90 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-5667	74±1	40~70 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products
YP-1055	60.5±1	60~80 (10rpm)	≤ (7.0μm /5.0μm)	Dielectric antenna products Dielectric antenna products

Type	Solidcontent (%)	Viscosity (Pa·S)	F.O.G (The second line/90%)	Applicability
IL-0402	83±1	170~240 (2.0rpm)	≤ (7.0μm /5.0μm)	Pitting paste for chip inductors
IL-0402A	84±1	170~240 (2.0rpm)	≤ (7.0μm /5.0μm)	Pitting paste for chip inductors
IL-0402B	84±1	150~250 (2.0rpm)	≤ (7.0μm /5.0μm)	Pitting paste for chip inductors
IL-1084	83±1	150~350 (2.0rpm)	≤ (7.0μm /5.0μm)	Pitting paste for chip inductors
IL-1284G	83±1	400~800 (2.0rpm)	≤ (7.0μm /5.0μm)	Pitting paste for chip inductors
IL-7090	89.5±1	200~400 (1.0rpm)	≤ (7.0μm /5.0μm)	Internal electrode paste for chip inductors
IL-8090	89±1	260~360 (1.0rpm)	≤ (7.0μm /5.0μm)	Internal electrode paste for chip inductors
IL-1085	84.5±1	100~200 (1.0rpm)	≤ (7.0μm /5.0μm)	Internal electrode paste for chip inductors
SD-9081	81.5±1	100~200 (2.0rpm)	≤ (7.0μm /5.0μm)	Chip varistor internal paste
SGD-2088	87.5±1	200~450 (2.0rpm)	≤ (7.0μm /5.0μm)	LTCC 共烧银浆 LTCC co-sintered silver paste
SD-1081	80±1	100~300 (2.0rpm)	≤ (7.0μm /5.0μm)	High Q capacitor
AGD-0370	73±2	200~300 (2.0rpm)	≤ (7.0μm /5.0μm)	Chip resistor surface electrode paste
IT-1760	71.0±2.0	40~70 (10.0rpm)	90%≤10.0	Ni-Zn ferrite core CD, NR material electrode for inductors
IT-1765	71.0±2.0	40~70 (10.0rpm)	90%≤10.0	
IT-1765A	70.0±2.0	40~70 (10.0rpm)	90%≤10.0	
IT-1865	70.0±2.0	40~70 (10.0rpm)	90%≤10.0	
IT-1375	78±1.5	23.0±5.0 (10.0rpm)	90%≤10.0	C0G capacitor
IT-3760	70.0±2.0	28.0±7.0 38.0±10.0 (10.0rpm)	90%≤10.0	Chip laminated inductor Ferrite material, chip NTC thermistor
IT-3765A	72.5±2.0	40.0±10.0 (10.0rpm)	90%≤10.0	Chip laminated inductor ferrite material
IT-3765B	72.5±2.0	40.0±10.0 (10.0rpm)	90%≤10.0	Chip laminated inductor ferrite material
IT-3770	76.3±1.5	39.0±6.0 (10.0rpm)	90%≤10.0	Chip laminated inductor ferrite material, chip NTC thermistor
IT-3770B	77±2	45.0±15.0 (10.0rpm)	90%≤10.0	Ferrite material inductor
IT-3775	78.5±1.5	22.0±5.0 (10.0rpm)	90%≤10.0	Chip zinc oxide varistor
IT-Fe-018	74.5±1.0	20.0~45.0 (10.0rpm)	90%≤10.0	Chip laminated inductor ferrite material
IT-8069	68.5±2.0	40.0±10.0 (10.0rpm)	90%≤10.0	Chip zinc oxide varistor

(*Viscosity testing conditions are Brookfield HBDV- II +,CP52, 25±0.5℃)

◆ **Product Features:**

*The key material used in this paste, silver metal powder, is our own production, and we can also customize the paste with different silver ratio according to customer requirements.

◆ **Recommended Processes:**

* Mixing: mix well at slow speed before use.

*Screen printing: 325 ~ 500 mesh stainless steel screen or nylon wire screen.

*Sintering: recommended peak temperature and holding time:

Type	Sintering temperature range (℃)	Holding time (min)
YP-10004A	815±35	10~30
YP-10004A1	815±35	10~30
YP-10004AG	815±35	10~30
YP-10004F	815±35	10~30
YP-4N	815±35	10~30
YP-5N	815±35	10~30
YP-5667	815±35	10~30
YP-1055	815±35	10~30
IL-0402	915±10	10~30
IL-0402A	915±10	10~30
IL-0402B	915±10	10~30
IL-1084	915±10	10~30
IL-1284G	915±10	10~30
IL-7090	915±10	10~30
IL-8090	915±10	10~30
IL-1085	915±10	10~30
SD-9081	885±35	10~30
SGD-2088	850±30	10~30
SD-1081	885±35	10~30
AGD-0370	850±30	10~30
IT-1760	640±10	10~20
IT-1765	640±10	10~20
IT-1765A	640±10	10~20
IT-1865	640±10	10~20
IT-1375	750±10	10~15

Type	Sintering temperature range (°C)	Holding time (min)
IT-3760	645±10	10~15
IT-3765A	645±10	10~15
IT-3765B	645±10	10~15
IT-3770	660±10	10~15
IT-3770B	680±10	10~15
IT-3775	670±10	10~15
IT-Fe-018	650~700&830~900	10~15
IT-8069	690±10	10~15

- * Cleaning: absolute ethanol is recommended.
- * Storage: cool place but no need to freeze, the best temperature:18~25°C.
- * Expiry date: 6 months (stored below 25°C).
- *Package: 500g/bottle or 1000g/bottle or 2000g/bottle.