

Dowton Electronic Materials Co.,Ltd.

Ag/AgPd/AgPt Paste

Introduction

1. This series of electrode paste is designed and used as a key component for MLCC or LTCC
2. Excellent screen printing performance and high resolution.
3. In line with ROHS specification, lead and cadmium free.



Product Benefits

1. Create perfect ceramic layer and excellent bonding properties and match after sintering.
2. Excellent paste rheology and stays moist after printing and flat.
3. Excellent shrinkage after sintering matching and electrical characteristics.

Composition Properties & Usage Requirements

(Ag Paste)

Product	Curing (°C)	S.C.%	Vis., pa.s, @10rpm	Volume resistivity mΩ-cm	Application
HC-8707C	190~200	90	75	< 0.06	Die attach
HC-8707	190~200	76	60	< 0.14	Die attach

Product	Type (°C)	S.C.%	Vis., pa.s, 10rpm	Application
PE-703B	730~780	80	75	MLCC, LTCC
PE-7015	730~780	77	46	MLCC, LTCC
PE-8515	850	80	80	MLCC, LTCC
PE-60157	700	78	80	MLCC, LTCC
PE-7001	730~780	77	46	MLCC, LTCC
PE-9001	900	77	46	MLCC, LTCC
SP-1020	850	55	24	MLCC, LTCC
SP-10201	850	86	300	MLCC, LTCC
TP-12216	520~600	79	30	MLCC, LTCC
TP-12218	520~600	84	50	MLCC, LTCC

PI-29326	800~850	90	260	MLCC, LTCC
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(AgPd Paste)

Product	Ag%/Pd%	S.C.%	Vis., pa.s, 100rpm	Application
PT-995	99.5/0.5	72	200/10rpm	Chip-R
PT-991	99/1.0	72	200/10rpm	Chip-R
PP-5N140	95/5	55	14	K14-10%
PP-10140	90/10	55	14	K14-10%
PT-90109	90/10	54	22	PTC-10%
PT-90172	90/10	72	28	PTC-10%
PH-630EBT	85/15	50	14	BT-15%
PP-38811	80/20	55	14	K88-10%
PP-82174	80/20	50	12	BT-20%
PP-3812	80/20	55	14	K88-10%
PP-8020	80/20	82	50/10rpm	0
PP-75202	75/25	50	12	BT-20%
PT-70308	70/30	54	21	ZnO-10%
PC-2388PD	70/30	50	12	K88-20%
PT-50501	50/50	50	12	0
PT-30407	30/70	50	12	0
PD-61000A	0/100	50	25	K88-10%

(AgPt Paste)

Product	Ag%/Pt%	S.C.%	Vis., pa.s, 10rpm	Application
PT-6100	Pt/100	55	30	MLCC/LTCC
AT-9010	90/10	90	260	MLCC/LTCC
AT-8713	87/13	70	225	MLCC/LTCC
AT-8515	85/15	77	46	MLCC/LTCC
AT-8020	80/20	80	50	MLCC/LTCC
AT-7030	70/30	70	300	MLCC/LTCC

Additional Information

1. The above are the typical properties, due to individual requirements, the represented data above is not intended to be used as specification limits.
2. Viscosity measurements were made using Brookfield DV-III +, SC4-14 / 6R, 25 ° C.

3. Please refer your attention to all relevant safety labels.
4. Please stir, and make sure a proper mixture before use.
5. Shelf Life: Maximum 6 months with proper storage.
6. Storage conditions: RH<85% , temperature 5~25°C.

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