

TK PASTE CN-7122S

◆ Product benefits

- One-component conductive silver paste of solvent-drying type.
- Room temperature drying type that does not require heating, and can be used for non-heat resistant materials.
- Flexible coating film with high bending resistance makes it ideal for use in wearable devices and film devices.
- Can be used for grounding and earth connection of devices and shield cases after assembly.
- Fast-drying CN-7120 is also available, offering a choice of drying speeds suitable for your process.

◆ Typical properties

	Typical value	Remarks
Base resin	Thermoplastic resin	Contains solvent
Silver content (wt.%)	50	Chest-nut-burr like shape silver
Appearance	Gray paste	
Viscosity (Pa·s)	5-15	E type viscosity meter: 5rpm at 25°C
Specific gravity (-)	1.6	At 25°C
How to use	Air puls dispenser	Internal diameter of needle: >0.33mm
Storage condition	-10°C or below	Shelf life: 12months after manufacture
Pot life (hr)	24	At 25°C After filling syringe from aluminum container
Typical drying schedule	40°C×20min or longer	Alternate drying schedule: 25°C×2hr or longer
Specific resistance (Ω·cm)	5×10^{-4}	4-terminal method
Glass transition temperature (T _g) (°C)	N/R	DMA method $\geq 25^\circ\text{C}$
Storage modulus (GPa)	N/R	DMA method at 25°C
Coefficient of thermal expansion (ppm/°C)	N/R	α_1
	N/R	α_2

Data in this document is based on evaluation results and does NOT guarantee product characteristics at use.
Make sure to try the product with equipment and adherend to be used.