

TK PASTE CN-7120

◆ 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.
- Slow-drying CN-7122S 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)	22-32	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	25°C×1hr or longer	Thickness of 100μm
Specific resistance (Ω·cm)	5×10^{-4}	4-terminal method
Glass transition temperature (T _g) (°C)	77	DMA method $\geq 25^\circ\text{C}$
Storage modulus (GPa)	0.6	DMA method at 25°C
Coefficient of thermal expansion (ppm/°C)	N/R	α1
	60	α2

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.