developed product

Metal Organic Decomposition Paste (MOD Paste)



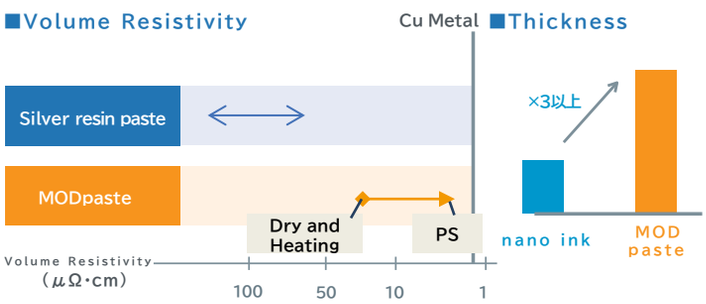
Promoting printed electronics that contribute to resource and energy conservation

Super high conductivity

Low temperature・Short time

Good oxidation resistance

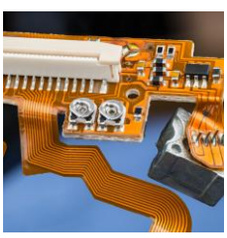
Advantage of electrical property compared to other conductive materials



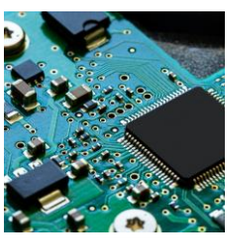
Solution using MOD Paste



Large substrates for displays

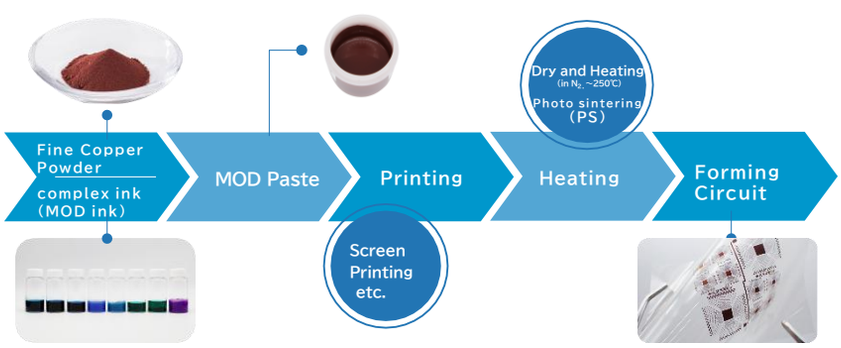


Flexible shapes and lightweight



Reduces process costs Plating substitute substrates

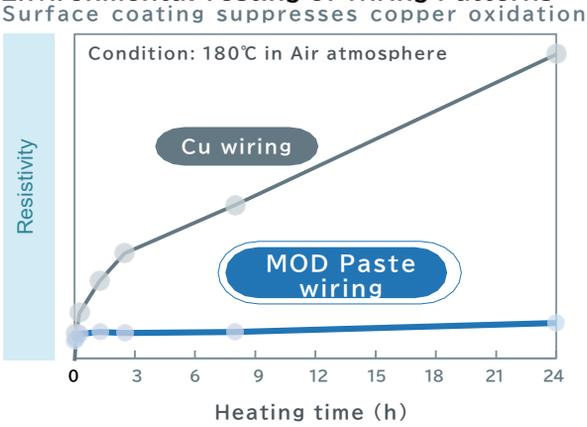
Paste composition with our fine copper powder and MOD ink. It has unique oxidation and resistance function



Supports user's device development
with knowledge of substrate and material technology
Example substrates used: PI, FR-4, PET, etc.

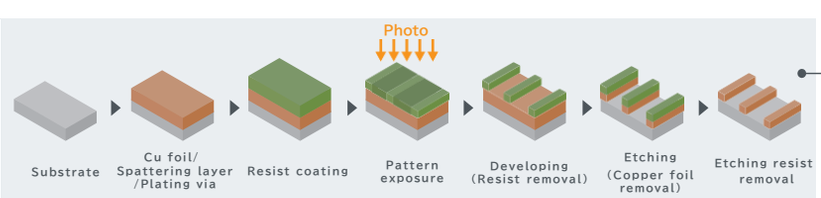
Environmental Testing of Wiring Patterns

Surface coating suppresses copper oxidation



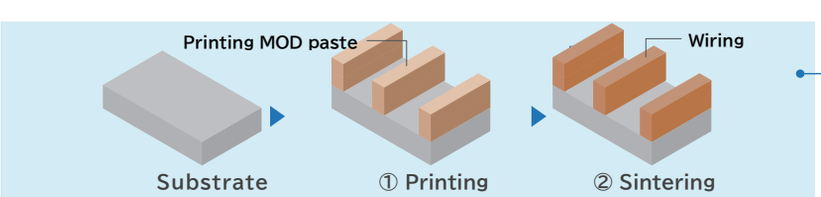
Printed electronics and MOD paste benefits

Existing Wiring Process <subtractive>



- Many process
- High Energy Consumption
- Generation of unnecessary waste liquid and resource

Printed Electronics <full additive>



- Reduction of water and copper resource usage
- Reduced maintenance costs with wet process
- Flexible wiring formation and support for small-lot, multi-variety production

More effectively with thicker layer, lager area

Enables lower resistance and thicker films compared to conventional materials (resin paste, nano ink, etc.)

We're looking for Partners to drive Printed Electronics by co-create

If you have any question about this product, please feel free to contact us.
https://crossmining.smm-g.com/

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