

Aluminum Bonding Wire / TANW

Characteristics

- Excellent corrosion resistance.
- Excellent bondability.
- Wire diameter : $\Phi 100 - 500\mu\text{m}$
- Length : Max 800m ($\Phi 300\mu\text{m}$ / No.88K)



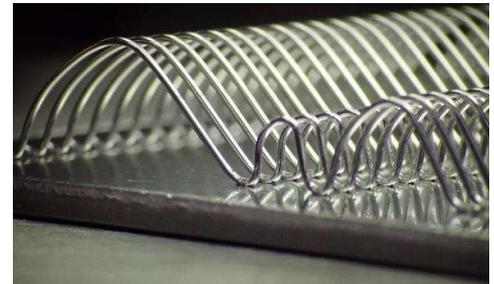
($\Phi 300\mu\text{m}$ / No.88K)

Cross Section after PCT test

Time (hrs)	20	100	1000
TANW			
Pure Al			

Wire Dia. : $300\mu\text{m}$ PCT : at 121°C , 100% RH, 2atm

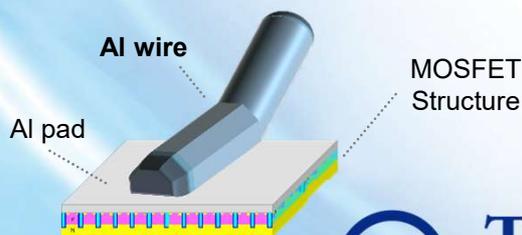
Looping image



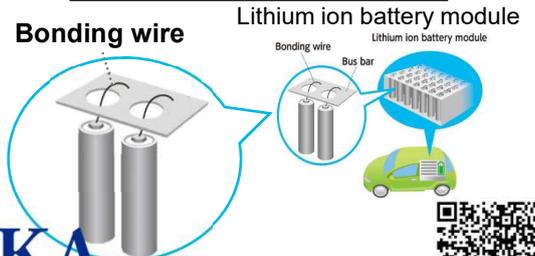
$\Phi 300\mu\text{m}$

Applications

For Power Devices (MOSFET, IGBT)



For Cell Connection



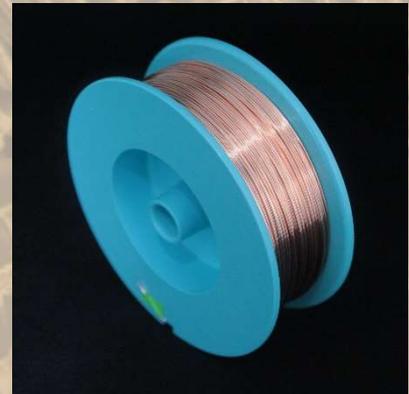
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Copper Bonding Wire / CP-1

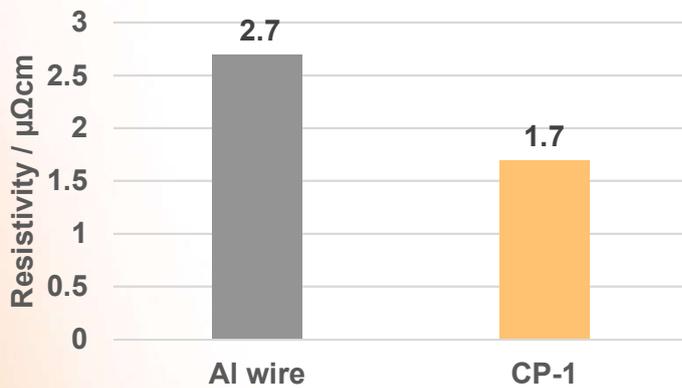
Characteristics

- Excellent electrical conductivity.
- High fusing current.
- Wire diameter : $\Phi 100 - 500\mu\text{m}$



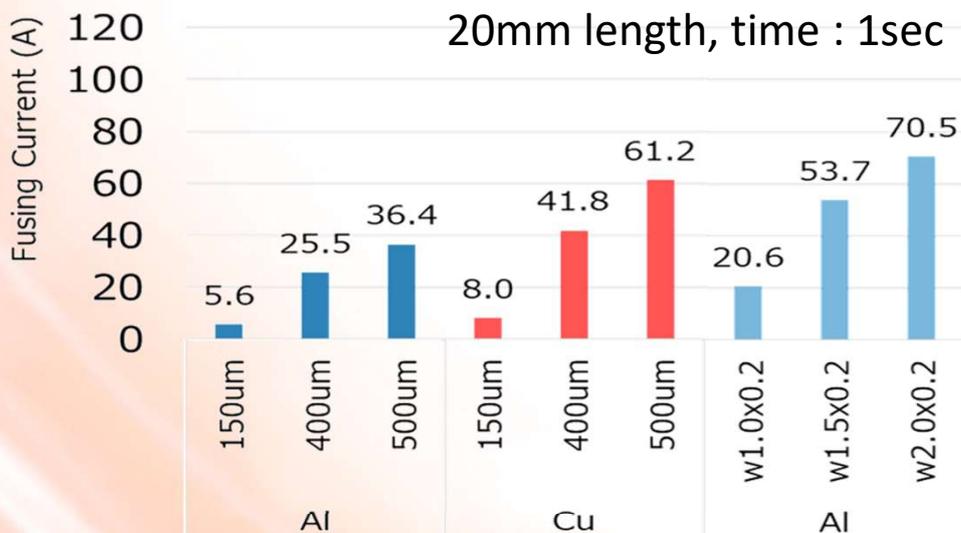
($\Phi 300\mu\text{m}$ / No.88)

Resistivity



Looping image

Fusing current



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