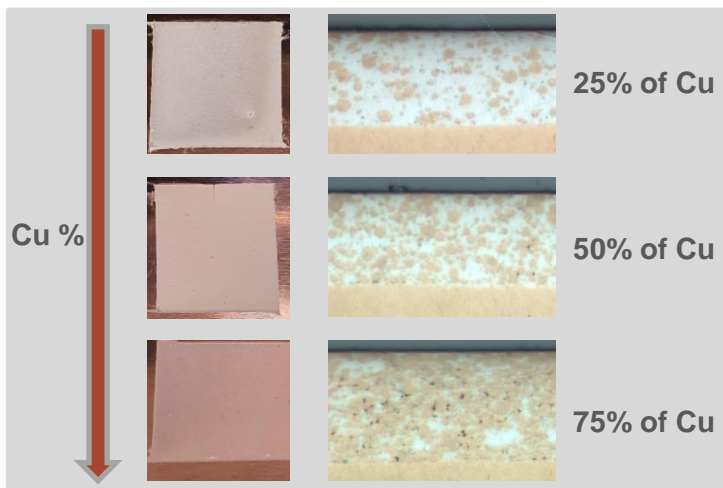
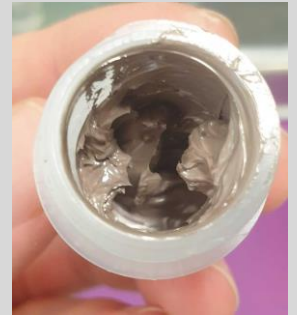


NJ-Fusion

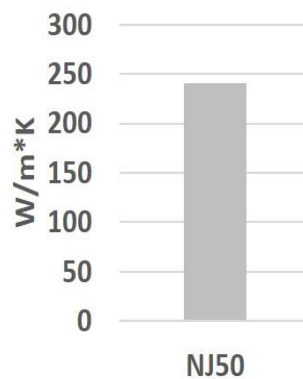
New Copper Silver Hybrid Sintering Paste

Sintering pastes for die-attach applications:

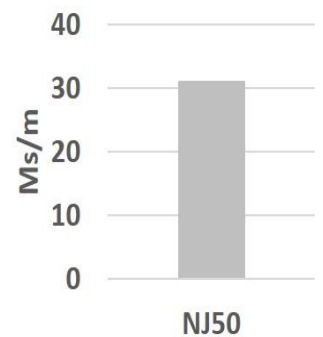
- Copper / Silver Hybrid sintering paste
- Cost reduction by >20% in comparison to Ag pastes
- Reduced total cost of ownership compared to Cu pastes
- micro based; no nano material
- Consists of high metal content >85%



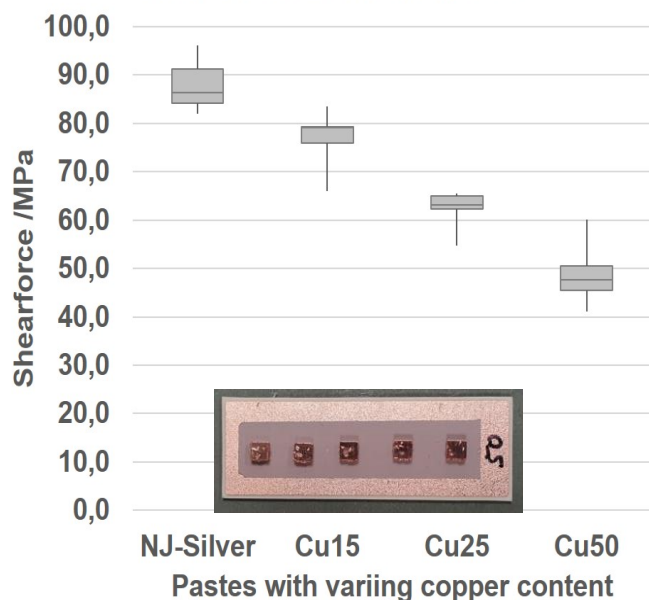
Thermal Conductivity



Electrical Conductivity



Shear forces of die shear test



Properties:

- Long pot life
- High reproduceability
- High die-shear strength
- High thermal conductivity
- High electrical conductivity
- Thermal shock cycle proven
- Sintering under N₂ at 240-270 °C
- Ensures optimal wetting / bonding

Technical Data:

- Typical viscosity of 15 Pa*s; 5 rpm
- Nontoxic and ROHS compliant
- 3,2 µOhm*cm

