

## Thinky Application Datasheet 10

### Au (gold) Ball (10 Vol %) with LCD ODF sealant THINKY Mixing - 800rpm, 5Torr

Materials: Au Ball (conductor powder) + LCD ODF sealant

Material: Sealant; Viscosity = **400,000cP**, Density = 1.2, Au Ball; Particle size = **3micron**

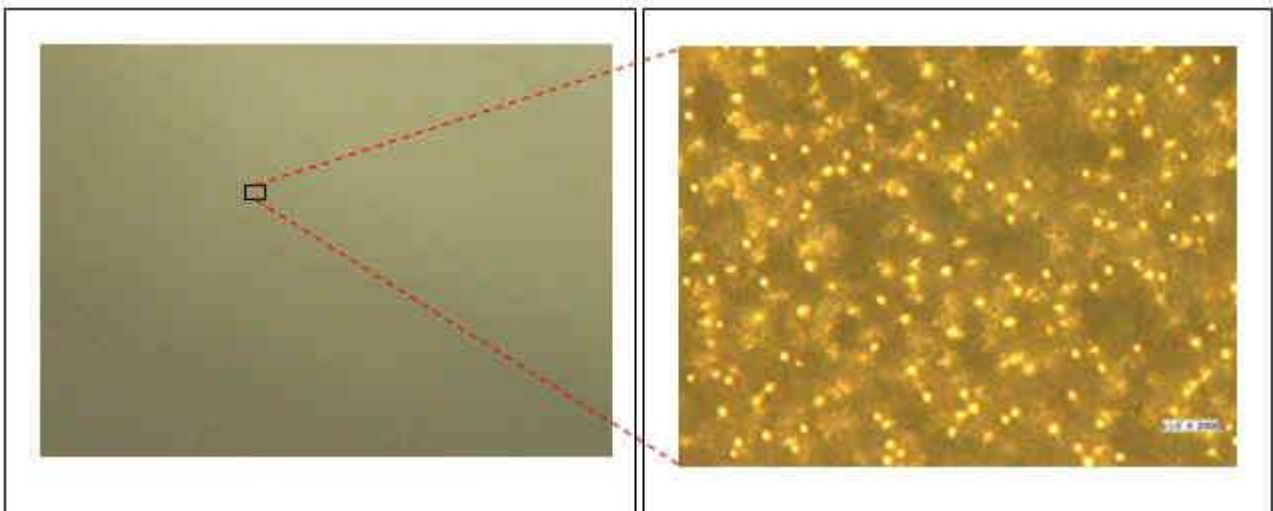
Capacity: Total 70g (Au Ball 10 vol %)

THINKY Mixer: Vacuum mixer ARV-5000TWIN

Container: SUS 250 container



Before mix; Au Ball in red circle on sealant



Left ; Dispersion of Au balls is perfect with NO air bubbles (naked eye) with NO change in pot life of material

Right ; Microscope picture (x1,000)