BRIGHT®

Metal-Coated Powder

Introduction

BRIGHT is a hybrid electroconductive powder coated with high quality metals (Au, Ni and Pd, etc.) by an advanced electroless plating method.

Features

- Various kinds of core particles (Material, Size and Particle Size Distribution, etc.)
- Capability to control Metal thickness and surface form (smooth or spiky)
- Superior adhesion of metal on core particle to have higher reliability

SEM images

6GNR30-MX (× 500)
Au-Ni coated resin particles

7GNM8-NiS (× 1000)
Au coated Ni particles

Surface morphology

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Product line

- Core particle: Resin or Ni particles etc.
- Particle size: 2.5～50μm (Depends on core particles)
- Hardness: Capable to introduce upon customers request
- Metal thickness: Ni: 50nm～200nm, Au: 10nm～40nm
- Surface morphology: Smooth or Spiky

Application

Conductive fillers for Anisotropic Conductive Paste and Film (ACP and ACF), Conductive spacers for LCD panel etc.