

Ag alloy target "DIASILVER 201" series

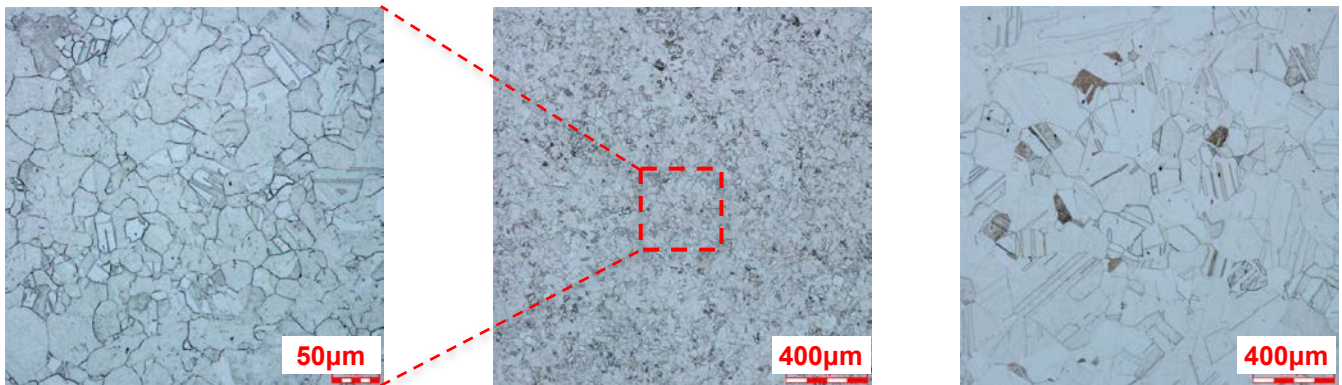
Features of the DIASILVER 201 series

- High reflectivity
- Low electrical resistance
- Excellent durability
- High flatness
- Corresponds to seamless large-sized Silver alloy targets.

As mentioned above, this target has excellent film properties as Ag alloy thin film for reflective electrode of AM-OLED, and it is used for forming high quality AM-OLED element.

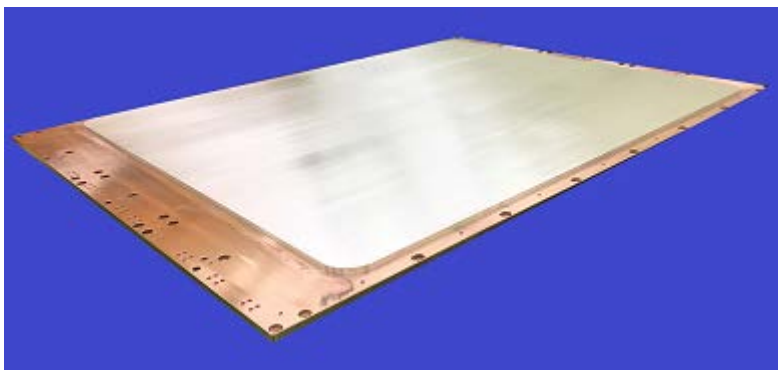
Furthermore, "DIASILVER 201-100" not only exhibits excellent characteristics of the Ag alloy thin film but also achieves the following as the metal structure of the target material, thereby suppressing abnormal discharge during sputtering film formation. And contributes to high uniformity of film properties in large substrates.

- Fine crystal grain size: average grain size $\leq 100 \mu\text{m}$
- Variation in grain size inside the target $\leq 20\%$

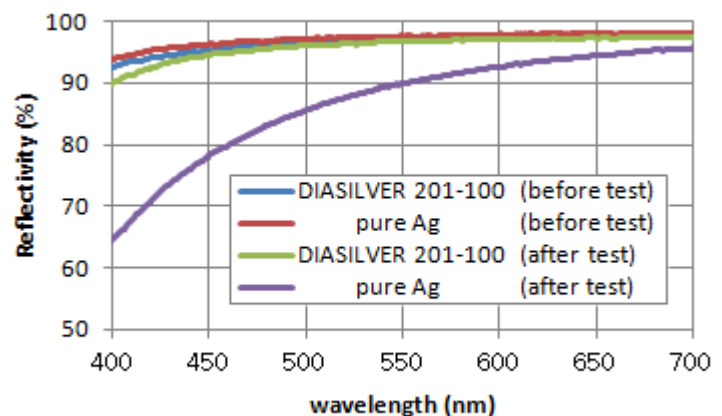


Crystal structure of DIASILVER 201-100

Conventionally



DIASILVER 201-100 (G6)



The reflectance of the sputtered film before and after the constant temperature and humidity storage test (80 °C, 85% RH, 200 h)

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