

見かけ密度が低い
少ない銀粉量で導通が可能

導電性樹枝状銀粉

Low apparent density
Superior conductivity

Dendritic Silver Powder

用 途

配線材料、電極材料、導電性伸縮（屈曲）材料

Wiring, Electrode, Conductive Stretchable (Flexible) materials.

概要・特徴

- ・ 独自開発した樹枝状形状により見かけ密度を低くする事に成功

We succeeded in producing silver powder with low apparent density by our original technique to produce dendritic shape powder.

- ・ 従来の銀粉より少量で高い導電性が得られ、低コスト化が可能

It is possible to reduce the cost, because good conductivity can be obtained with less amount than conventional silver powder.

- ・ 伸縮性配線材料等への適用も可能

It can be used for conductive stretchable materials.

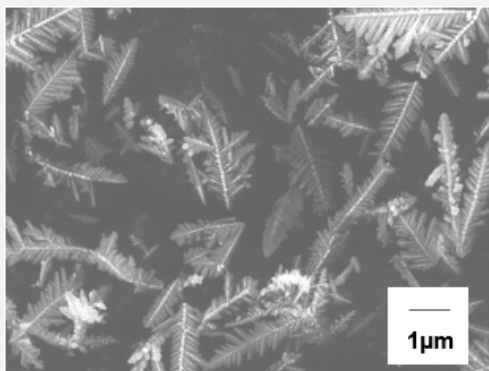


Fig. Dendritic silver powder



Fig. Silver powder (10g)
(←) Dendritic silver powder
(→) Conventional silver powder

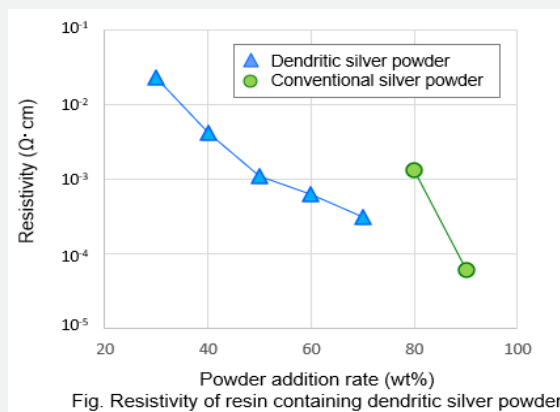


Fig. Resistivity of resin containing dendritic silver powder

