



**AMES  
GOLDSMITH**  
Corp.

**DEVELOPMENT PRODUCT**

## Silver Powder Type AEP-3

### GENERAL DESCRIPTION

High purity, high density crystalline powder

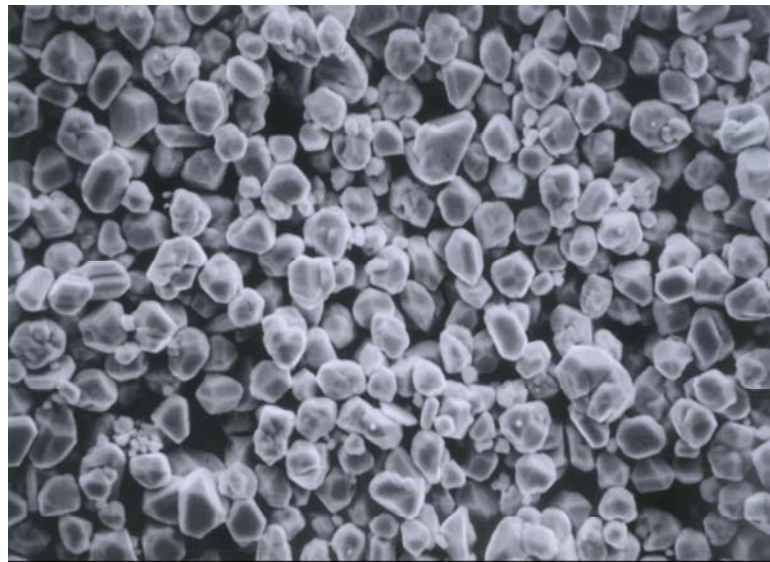
### APPLICATIONS

LTCC  
Chip inductor pastes  
Plasma display inks

### TYPICAL PROPERTIES

| Physical Data:                            |                               | Particle Size Distribution: |        |
|---|-------------------------------|-----------------------------|--------|
| Tap Density:                              | 3.5- 4.5 g/cm <sup>3</sup>    | D10                         | 1.5 μm |
| Surface Area:                             | 0.20 - 0.70 m <sup>2</sup> /g | D50                         | 3.0 μm |
| Loss on Drying: (1 hour @ 110°C in air)   | <0.1%                         | D90                         | 6.0 μm |
| Loss on Ignition: (1 hour @ 538°C in air) | <0.85%                        |                             |        |

PSD measured by Microtrac S3000



Ames Goldsmith 4μm 15kv 2.5kx

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