



**AMES
GOLDSMITH**
Corp.

Silver Powder Type AEP-0505

GENERAL DESCRIPTION

Sub-micron, medium density polycrystalline powder

APPLICATIONS

LTCC
Chip inductor pastes
Plasma display inks

TYPICAL PROPERTIES

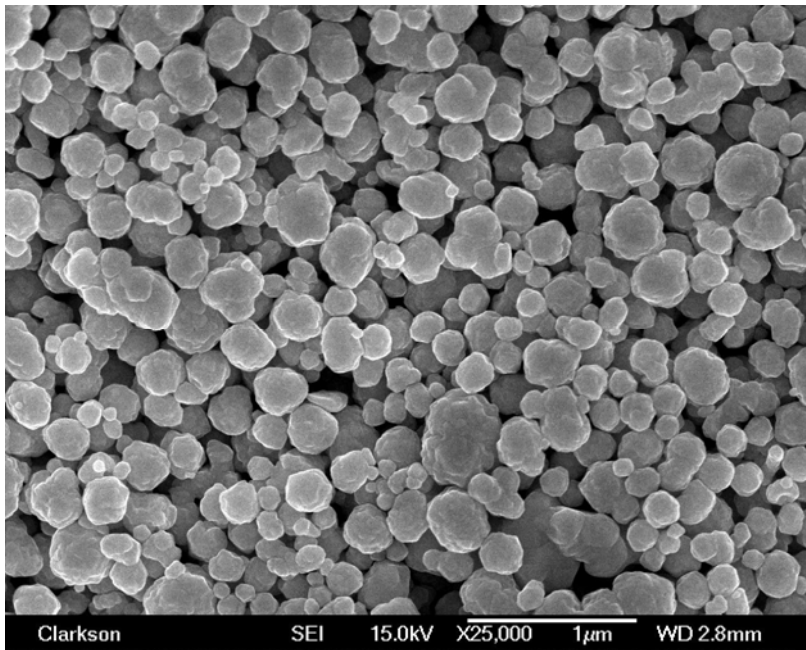
Physical Data:

Tap Density:	2.5– 3.5 g/cm ³
Surface Area:	1.5 - 2.5 m ² /g
Loss on Drying: (1 hour @ 110°C in air)	<0.1%
Loss on Ignition: (1 hour @ 538°C in air)	<1.20%

Particle Size Distribution:

D10	<0.8 μm
D50	<1.2 μm
D90	<3.5 μm
D95	<10 μm

PSD measured by Microtrac S3000



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