



**AMES
GOLDSMITH**
Corp.

ELECTRONIC MATERIALS

Silver Flake Type 4300

GENERAL DESCRIPTION

Medium density, low surface area silver flake with good rheological and electrical conductivity in most paste systems.

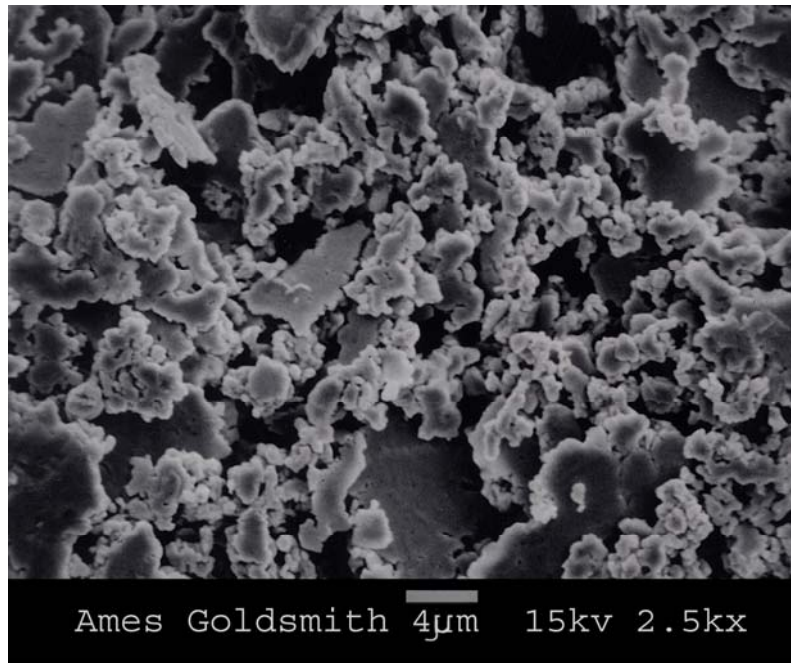
APPLICATIONS

Conductive adhesives.
Fired and non-fired thick film pastes.

TYPICAL PROPERTIES

Physical Data:		Particle Size Distribution:	
Tap Density:	3.1 - 4.1 g/cm ³	D10:	2.0 μm
Surface Area:	0.45 - 0.85 m ² /g	D50:	6.0 μm
Loss on Drying: (1 hour @ 110°C in air)	<0.1%	D90:	13.0 μm
Loss on Ignition: (1 hour @ 538°C in air)	<0.8%		

PSD measured by Microtrac S3000



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