



**AMES
GOLDSMITH**
Corp.

ELECTRONIC MATERIALS

Silver Flake Type 12XJ/22XJ

GENERAL DESCRIPTION

Fine, well dispersed, high surface area silver flake with excellent conductivity. 22XJ is the jet milled version of 12XJ.

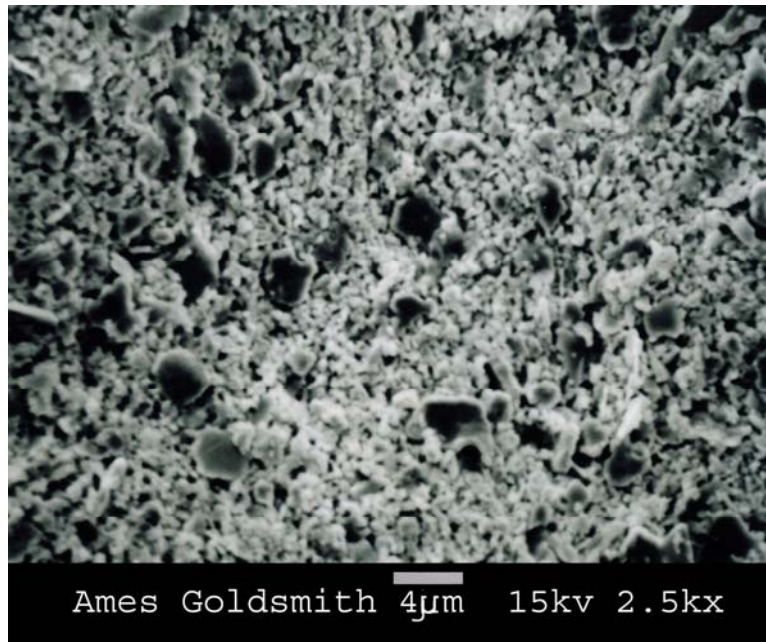
APPLICATIONS

EMI/RFI Shielding.
Fired and non-fired thick film pastes.

TYPICAL PROPERTIES

Physical Data:		Particle Size Distribution:	
Tap Density:	3.5 - 4.5 g/cm ³	D10:	0.6 μm
Surface Area:	1.0 - 1.5 m ² /g	D50:	1.6 μm
Loss on Drying: (1 hour @ 110°C in air)	<0.1%	D90:	4.7 μm
Loss on Ignition: (1 hour @ 538°C in air)	<0.8%		

PSD measured by Microtrac S3000



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