



**AMES  
GOLDSMITH**  
Corp.

**ELECTRONIC MATERIALS**

**Silver Flake Type KP-84**

**GENERAL DESCRIPTION**

Low density, high surface area, high aspect ratio silver flake.  
Excellent electrical conductivity.

**APPLICATIONS**

Membrane switch pastes.  
Fired and non-fired thick film pastes.  
EMI/RFI shielding applications.

**TYPICAL PROPERTIES**

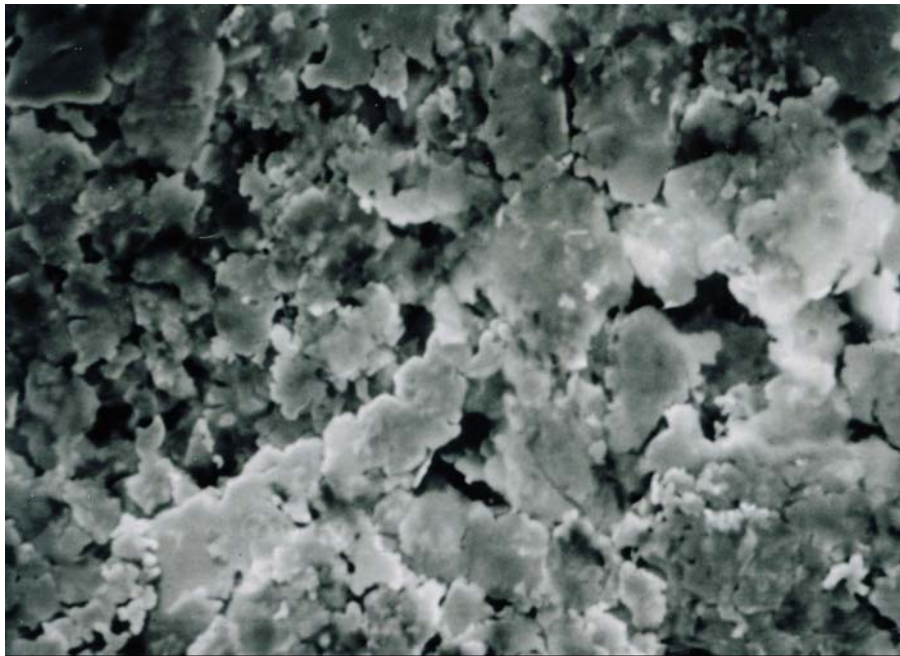
**Physical Data:**

Tap Density:	0.7 - 1.5 g/cm <sup>3</sup>
Surface Area:	1.4 - 2.1 m <sup>2</sup> /g
Loss on Drying: (1 hour @ 110°C in air)	<0.1%
Loss on Ignition: (1 hour @ 538°C in air)	<1.5%

**Particle Size Distribution:**

D10:	6.0 μm
D50:	12.0 μm
D90:	20.0 μm

PSD measured by Microtrac S3000



Ames Goldsmith 4μ 15kv 2.5kx

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21 Roger Street, Glens Falls, NY 12801  
TEL: (518)-792-5808 FAX: (518)-792-1034  
[www.amesgoldsmith.com](http://www.amesgoldsmith.com)  
Email: [sales@amesgoldsmith.com](mailto:sales@amesgoldsmith.com)



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