



**AMES
GOLDSMITH**
Corp.

Silver Nano Powder Type S2-80

GENERAL DESCRIPTION

High density mono-dispersed 80 nanometer silver powder.

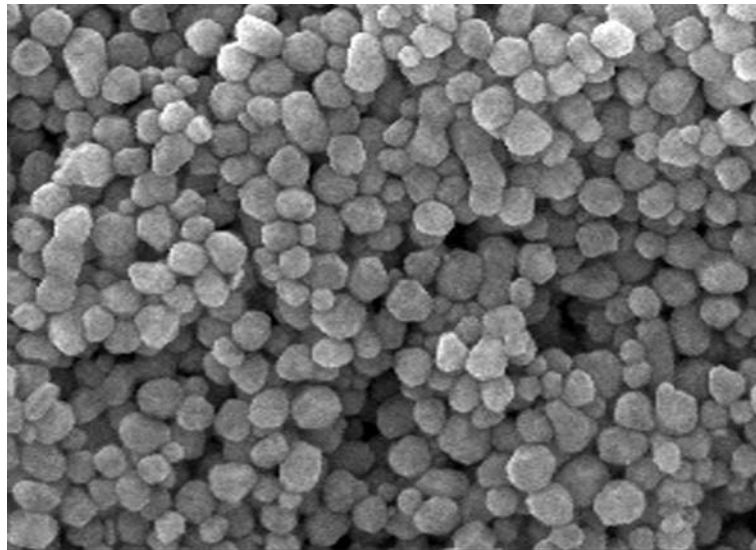
APPLICATIONS

Fired and non-fired thick film pastes for fine line printing (ex. ink jet printing).
Viscosity modification of pastes and inks.
Sintering modifier of fired systems.
Antibacterial agents.

TYPICAL PROPERTIES

Physical Data:		Particle Size Distribution:	
Tap Density:	2.5 - 3.5 g/cm ³	D10	50 nm
Surface Area:	9.0 - 10.0 m ² /g	D50	80 nm
Loss on Drying: (1 hour @ 110°C in air)	<1.0%	D90	110 nm
Loss on Ignition: (1 hour @ 538°C in air)	<1.5%		
		PSD determined by SEM.	

This powder is also available “wet”, dispersed in a solvent of choice. The staff at Ames Goldsmith looks forward to developing a silver powder that meets your requirements.



Ames Goldsmith 100nm 15kv 100kx

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