

# TECHNICAL DATA SHEET

## SILVER POWDER

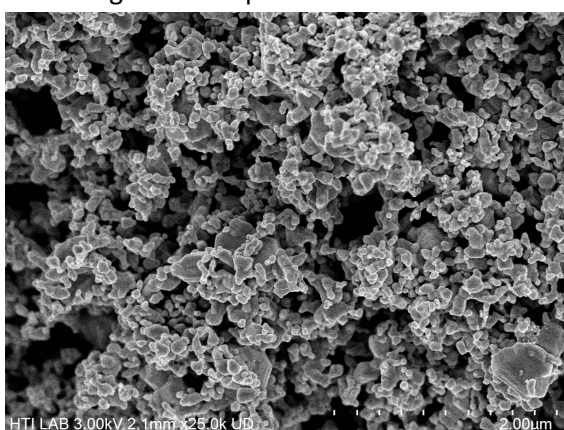
Product: **SilverX01**

Applications: The micro-sized, uniform, pure silver powder - SilverX01 has been designed as a filler for conductive paste and inks for photovoltaic applications (electrodes for solar cells) and other electronic components.

### 1. Technical characteristics of SilverX01

#	Parameter	Data	Control method
1	Appearance	Light gray powder	Visually
2	Silver content, wt. %	99.5	Titration
3	Volatiles, wt. %	<0.2	TGA
4	Size distribution, $\mu\text{m}$		DLS
	10%	<0.1	
	50%	<0.2	
	90%	<0.5	
5	Fraction, no less than 1.0 $\mu\text{m}$ , %	99	
6	Packing Density, $\text{g}/\text{cm}^3$ , no less than	1.2	Mass to volume after shaking

### 2. SEM image of silver powder SilverX01:



### 3. Signature

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