

## Technical Data Sheet

### THICK FILM MATERIALS

Product Type: Powders

Product Name: Au 200-03

#### Gold Powder

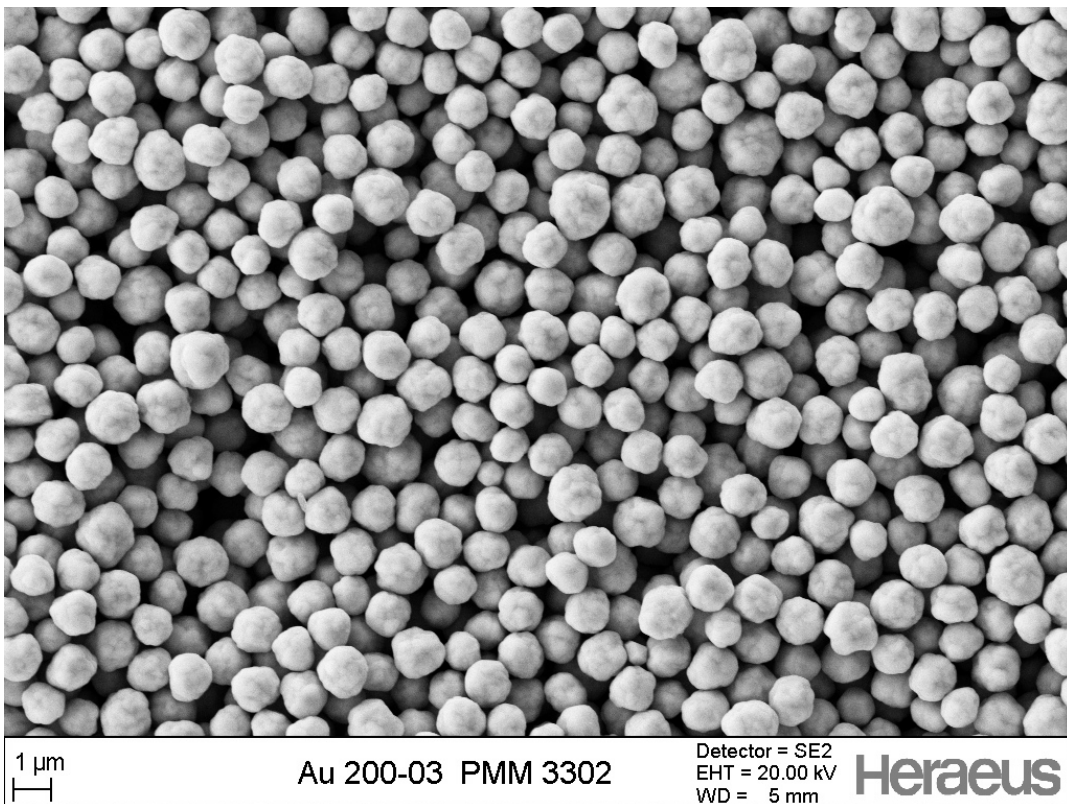
##### Description

Au 200-03 is a chemically precipitated spherical gold powder with a high purity (> 99.9 %).

These powders exhibit a tight particle size distribution and excellent dispersion properties.

##### Typical Properties

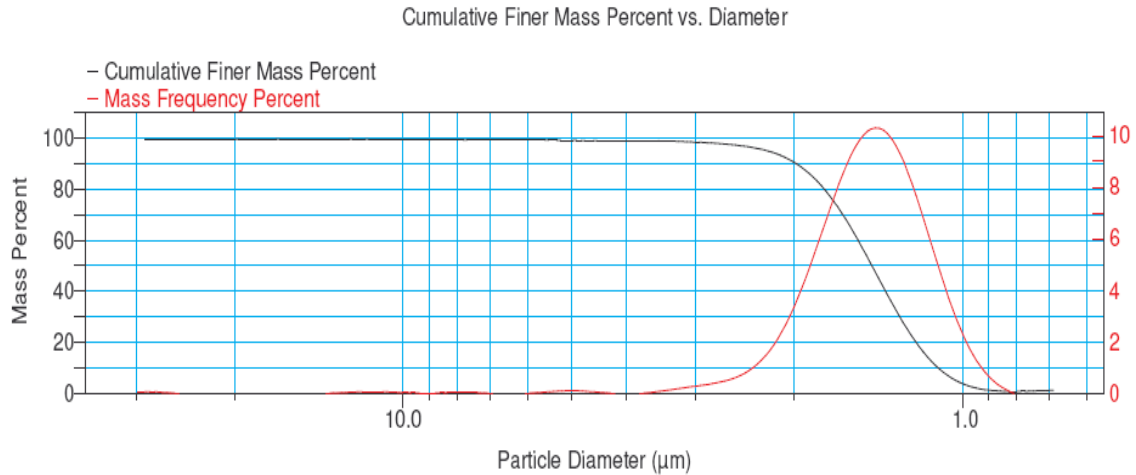
Surface Area <sup>1</sup>	0.25 – 0.6	[m <sup>2</sup> /g]
Apparent Density <sup>2</sup>	5.5 – 7.0	[g/cm <sup>3</sup> ]
TAP Density <sup>3</sup>	6.8 – 9.0	[g/cm <sup>3</sup> ]
Particle Size Distribution <sup>4</sup>		
D90	< 2.50	[µm]
D50	< 1.75	[µm]
D10	< 1.30	[µm]



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#### Typical Particle Size Distribution



Legend:

- 1) B.E.T. Gemini 2360
- 2) TAP-Pak Volumeter
- 3) TAP-Pak Volumeter
- 4) Sedigraph 5100

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