

## Gold Powder

### Au 200-03

#### Precious Metal Powder

#### Description

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

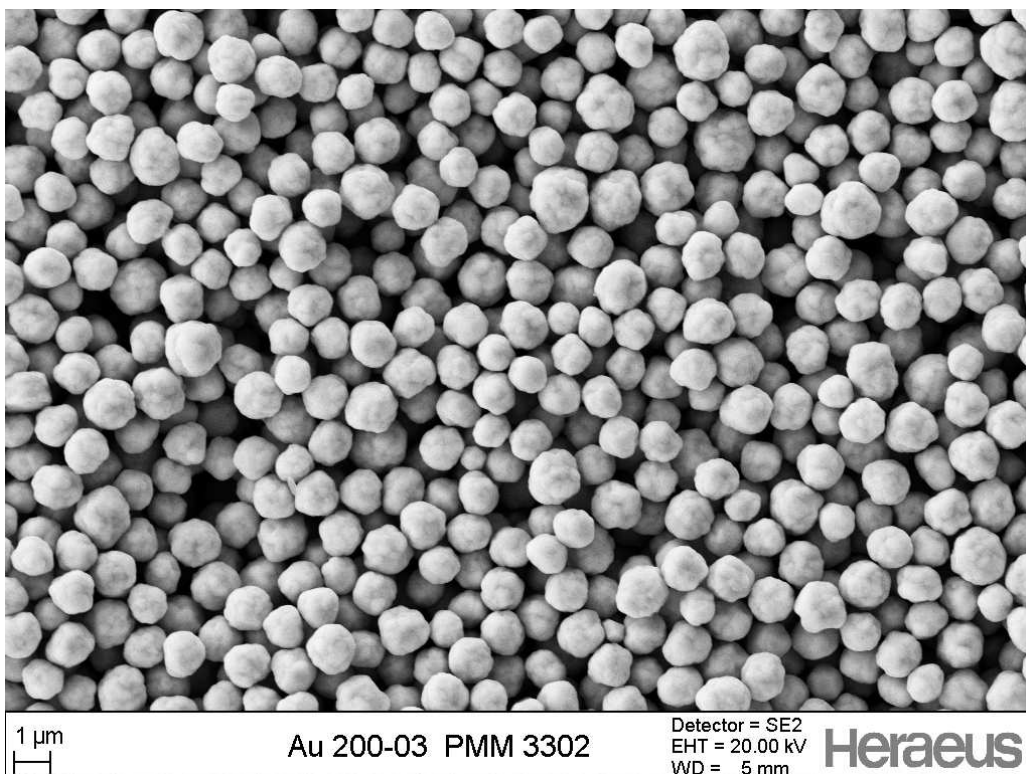
These powders exhibit a tight particle size distribution and excellent dispersion properties.

#### 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	< 2.5 [μm]
D50	< 1.6 [μm]
D10	< 1.3 [μm]

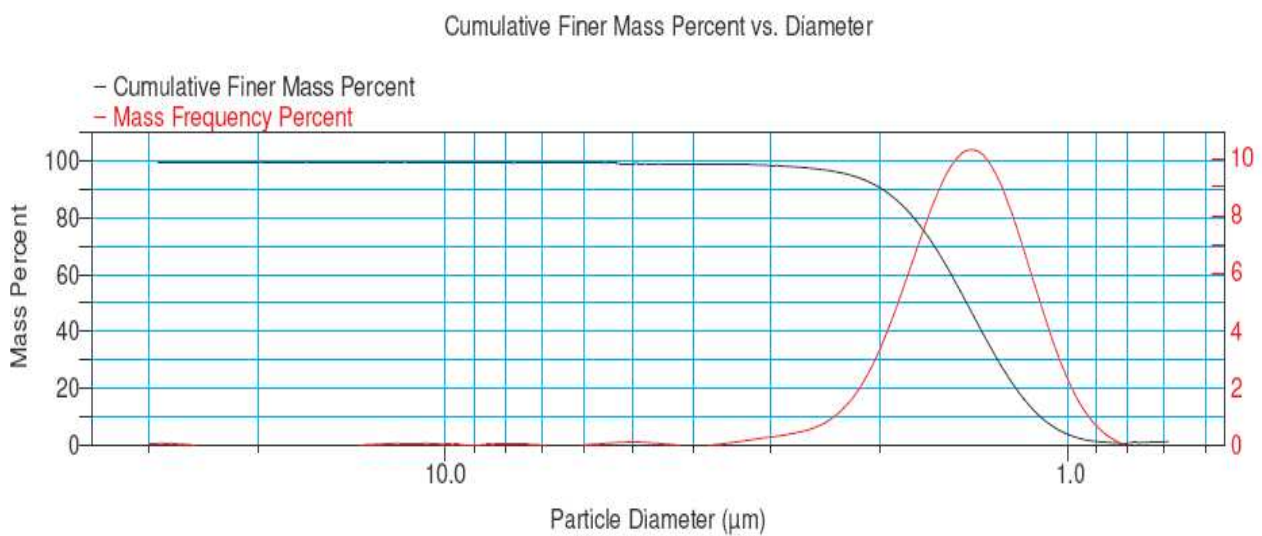
- 1) B.E.T. Gemini 2360
- 2) TAP-Pak Volumeter
- 3) TAP-Pak Volumeter
- 4) Sedigraph 5100



## Gold Powder Au 200-03

### Precious Metal Powder

#### Typical Particle Size Distribution



The descriptions and engineering data shown here have been compiled by Heraeus using commonly-accepted procedures, in conjunction with modern testing equipment, and have been compiled as according to the latest factual knowledge in our possession. The information was up-to date on the date this document was printed (latest versions can always be supplied upon request). Although the data is considered accurate, we cannot guarantee accuracy, the results obtained from its use, or any patent infringement resulting from its use (unless this is contractually and explicitly agreed in writing, in advance). The data is supplied on the condition that the user shall conduct tests to determine materials suitability for a particular application.

Europe [TH]  
W. C. Heraeus GmbH  
Thick Film Materials Division  
Heraeusstr. 12 – 14  
63450 Hanau  
Germany  
Tel: +49 (6181) 35 – 5466  
E-Mail: [th-info@heraeus.com](mailto:th-info@heraeus.com)  
Internet: [www.heraeus-th.com](http://www.heraeus-th.com)

North America  
Heraeus Incorporated  
Thick Film Materials Division  
24 Union Hill Road  
W. Conshohocken, PA 19428  
USA  
Tel: +1 (610) 825 – 6050  
E-Mail: [techservice.hcd@heraeus.com](mailto:techservice.hcd@heraeus.com)  
Internet: [www.thickfilm.net](http://www.thickfilm.net)

Asia [TH]  
Heraeus Materials Technology Shanghai Ltd.  
No. 1 Guang Zhong Road  
Zhuanquiao Town, Minhang District  
201108 Shanghai  
People's Republic of China  
Tel: +86 (21) 3357 5473  
E-Mail: [th.hmts@heraeus.com](mailto:th.hmts@heraeus.com)  
Internet: [www.heraeus-th.com](http://www.heraeus-th.com)