

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Precious Metal Powder

Product Name: Au 200-03

Gold Powder

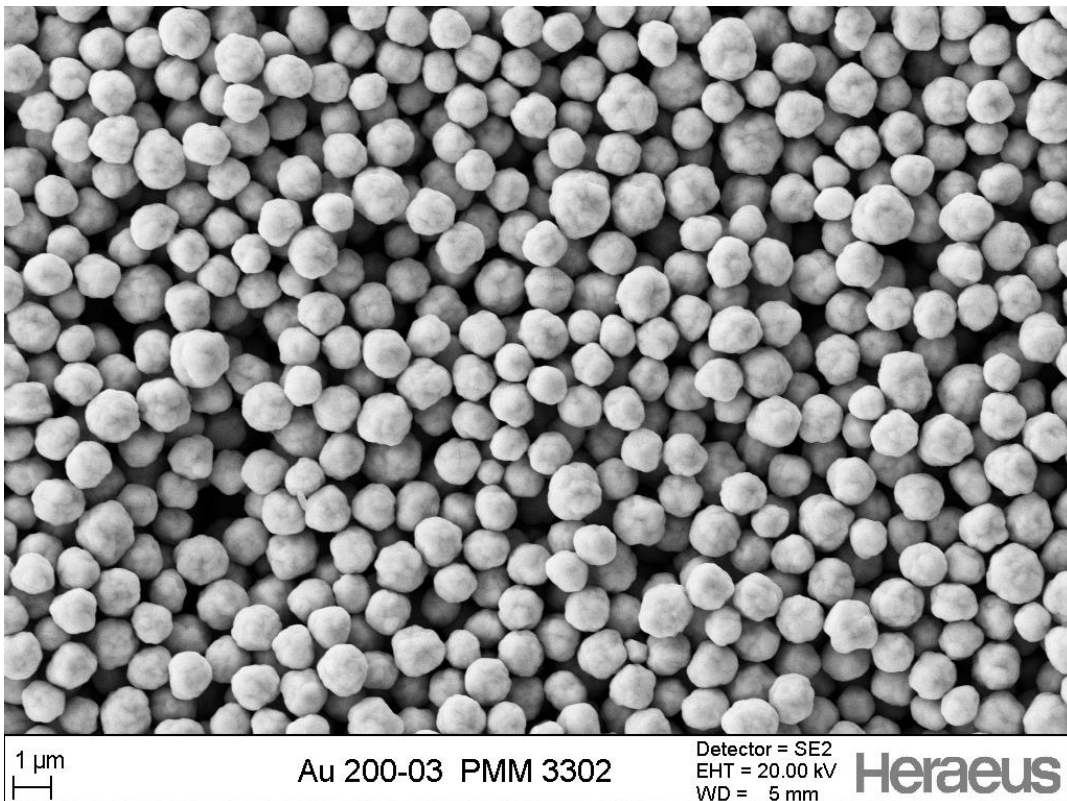
Description

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

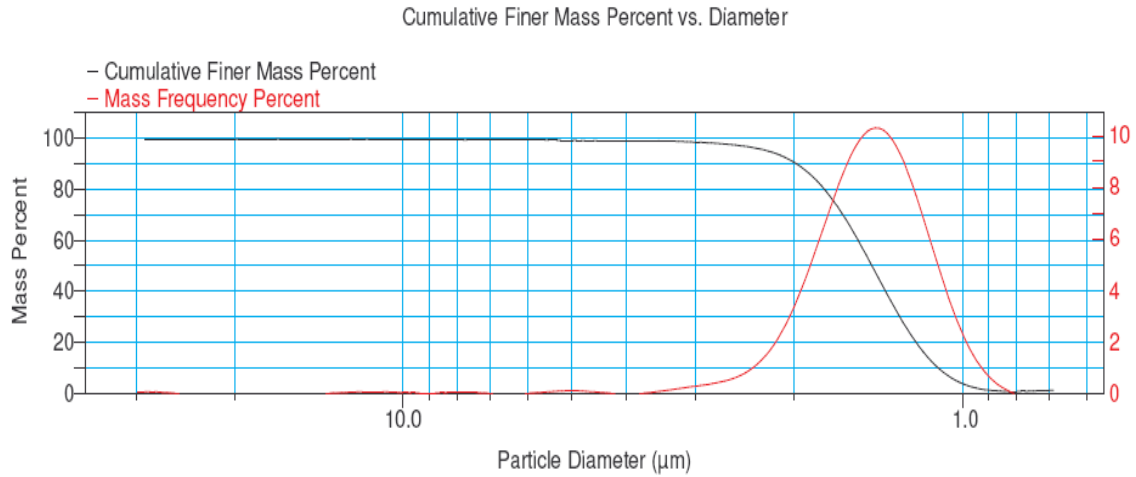
Surface Area ¹	0.25 – 0.6	[m ² /g]
Apparent Density ²	5.5 – 7.0	[g/cm ³]
TAP Density ³	6.8 – 9.0	[g/cm ³]
Particle Size Distribution ⁴		
D90	< 2.50	[µm]
D50	< 1.75	[µm]
D10	< 1.30	[µm]



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Gold Powder

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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