

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Precious Metal Powder

Product Name: Au 200-09

Gold Powder

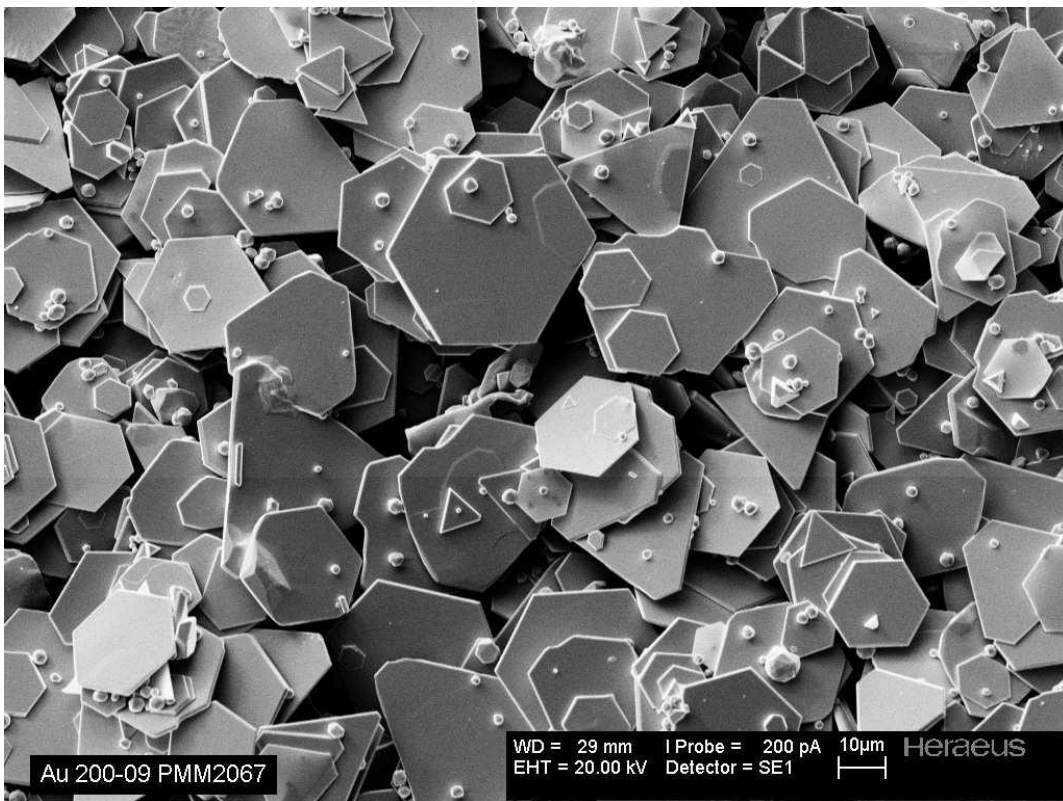
Description

Au 200-09 is a chemically precipitated gold flake powder with a high purity (> 99.9 %).

These powders are often used in applications where a gold glittering effect is requested.

Typical Properties

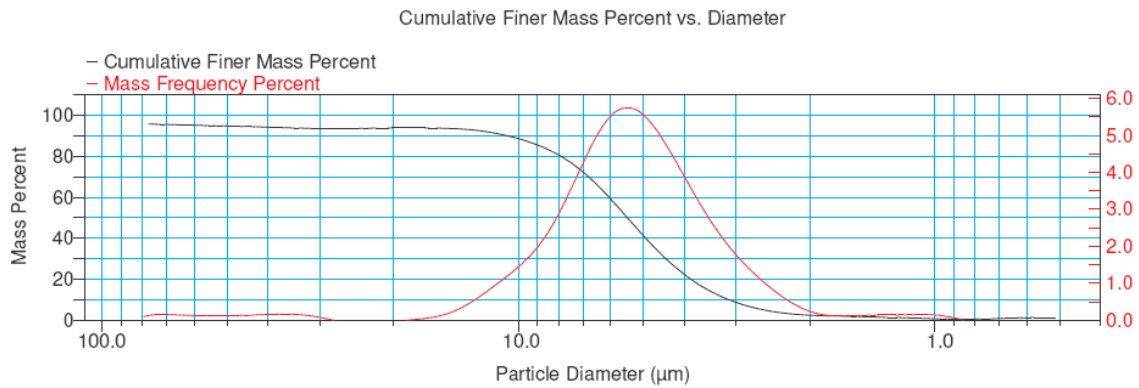
Surface Area ¹	0.03 – 0.2	[m ² /g]
Apparent Density ²	2.9 – 4.5	[g/cm ³]
TAP Density ³	2.9 – 5.5	[g/cm ³]
Particle Size Distribution ⁴		
D90	6.0 – 55.0	[µm]
D50	5.0 – 20.0	[µm]
D10	1.5 – 9.0	[µm]



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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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