

Platinum Powder

Pt 100-10

Precious Metal Powder

Description

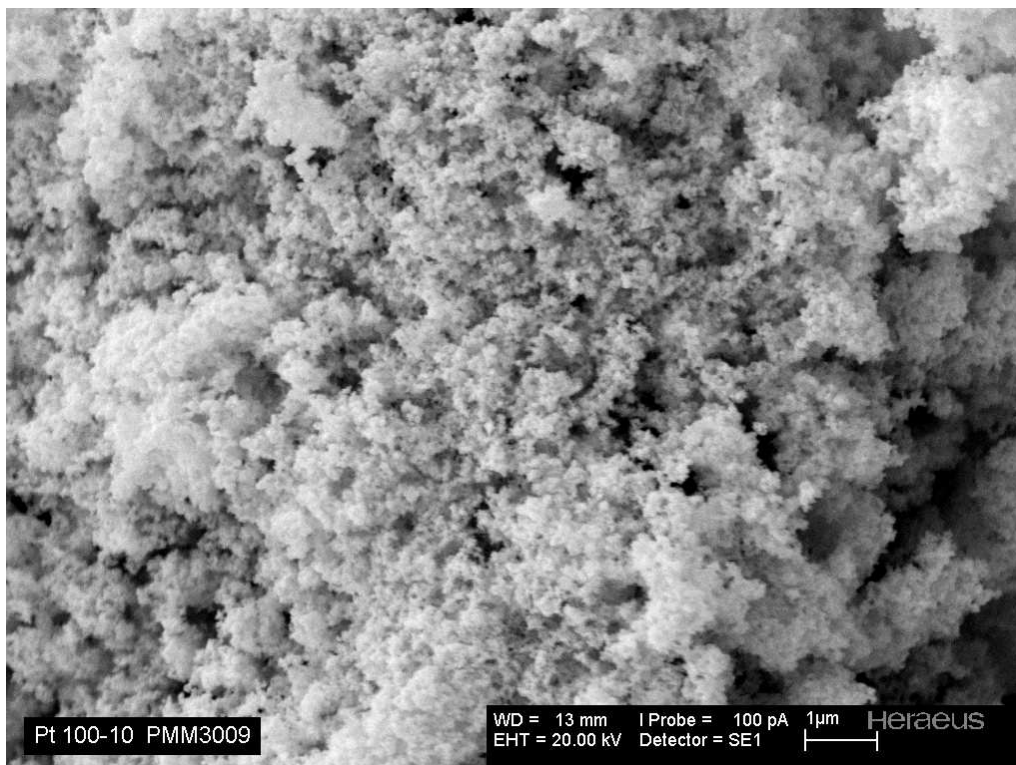
Pt 100-10 is a chemically precipitated Platinum powder with a high purity (> 99.9%).

These powders exhibit excellent dispersion properties and a high surface area.

Typical Properties

Surface Area ¹⁾ :	10.0 – 18.0 [m ² /g]
Apparent Density ²⁾ :	0.4 – 1.0 [g/cm ³]
TAP Density ³⁾ :	0.6 – 1.8 [g/cm ³]
Reduction Loss ⁴⁾ :	< 1.6 [%]
Particle Size Distribution ⁵⁾	
D90	< 3.1 [μm]
D50	< 1.6 [μm]
D10	< 0.76 [μm]

- 1) B.E.T. Gemini 2360
- 2) TAP-Pak Volumeter
- 3) TAP-Pak Volumeter
- 4) 0.1 hour in H₂
- 5) Sedigraph 5100



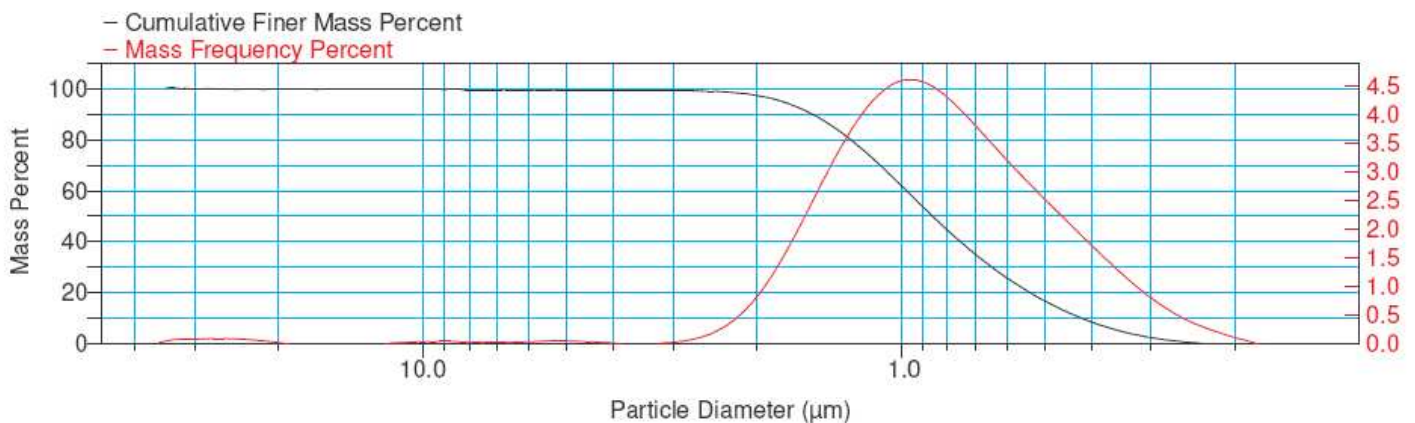
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Typical Particle Size Distribution

Cumulative Finer Mass Percent vs. Diameter



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
Internet: 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
Internet: 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
Internet: www.heraeus-th.com