

## Precious Metal Powder

### RuO<sub>2</sub> 703-04

#### Ruthenium Oxide Powder

##### Description

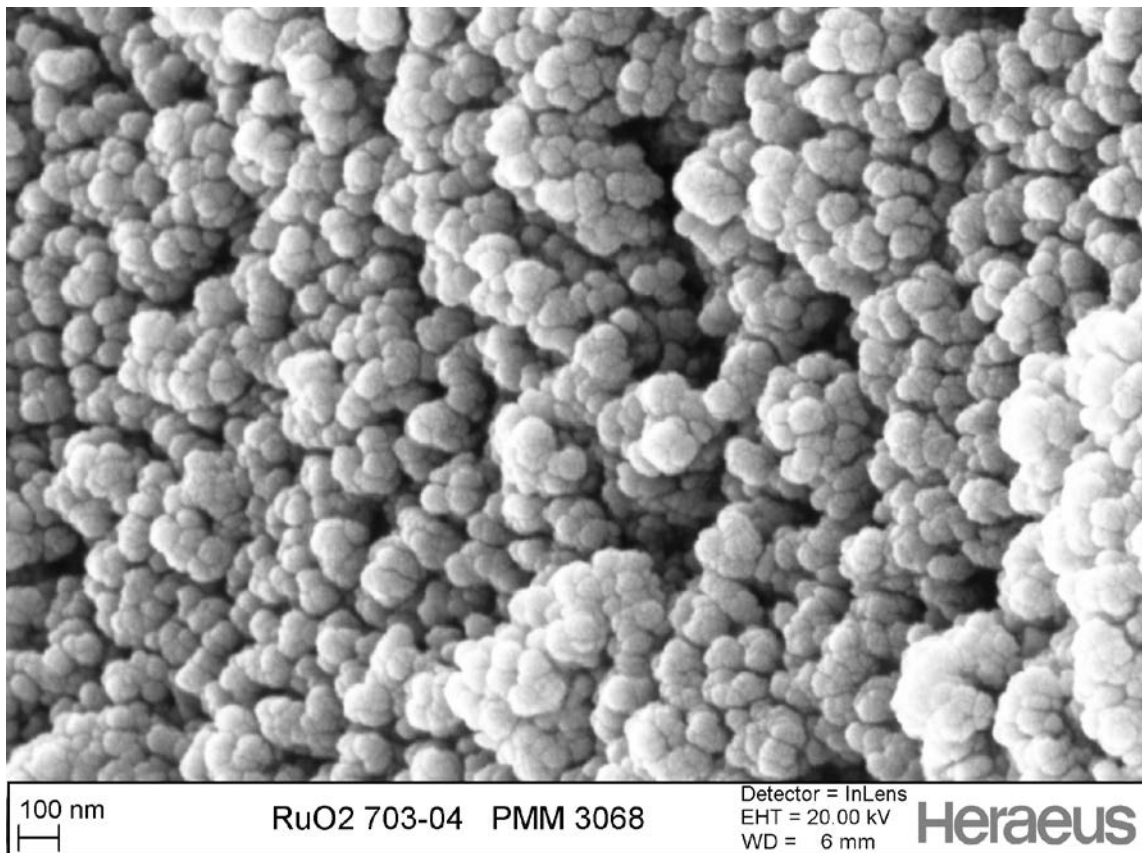
RuO<sub>2</sub> 703-04 is a chemically precipitated powder with a high purity (> 99.9%).

These powders exhibit a very high surface area and are known for their catalytic activity.

##### Typical Properties

Surface Area<sup>1)</sup>: 90 – 150 [m<sup>2</sup>/g]  
Reduction Loss<sup>2)</sup>: 25 – 30 [%]

- 1) B.E.T. Gemini 2360
- 2) 0.1 hour in H<sub>2</sub>



## Precious Metal Powder

RuO<sub>2</sub> 703-04

Ruthenium Oxide Powder

---

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]

Heraeus Precious Metals GmbH & Co. KG  
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-thickfilm.com](http://www.heraeus-thickfilm.com)

### Americas [TH]

Heraeus Materials Technology LLC  
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.heraeus-thickfilm.com](http://www.heraeus-thickfilm.com)

### 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 - 5688  
E-Mail: [th.hmts@heraeus.com](mailto:th.hmts@heraeus.com)  
Internet: [www.heraeus-thickfilm.com](http://www.heraeus-thickfilm.com)