

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Powders

Product Name: Pd 600-03

Palladium Powder

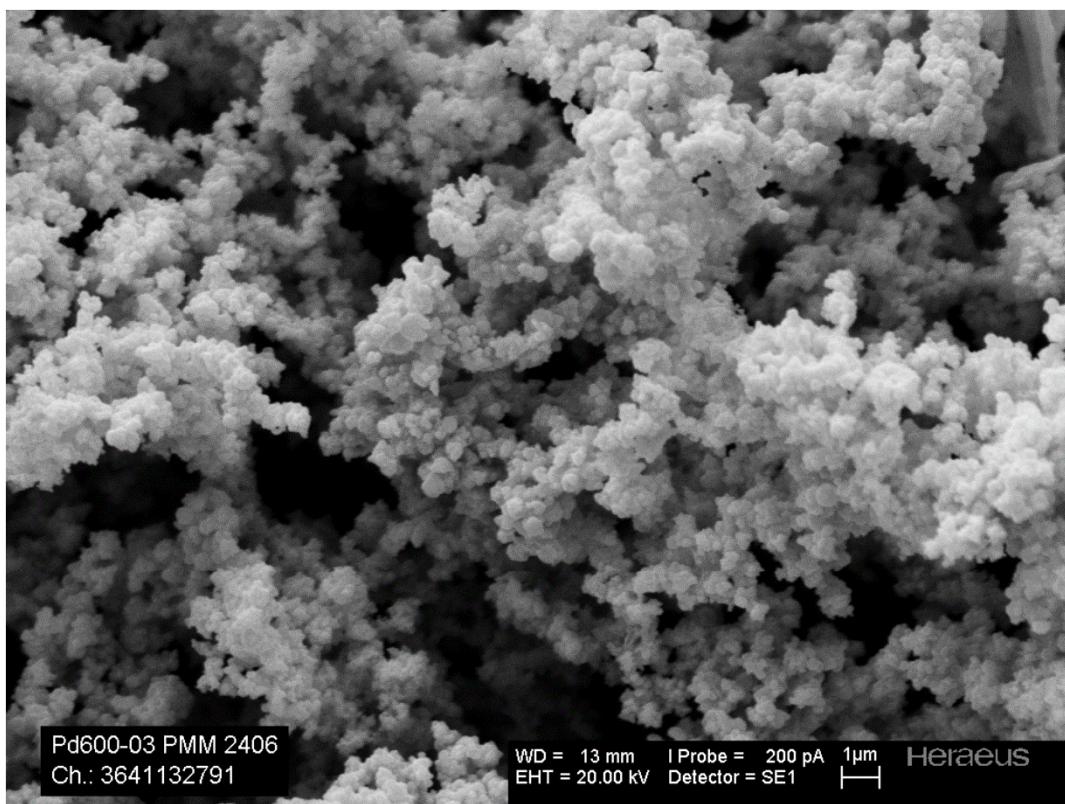
Description

Pd 600-03 is a chemically precipitated palladium powder with a high purity (> 99.9 %).

These powders exhibit a wider particle size distribution.

Typical Properties

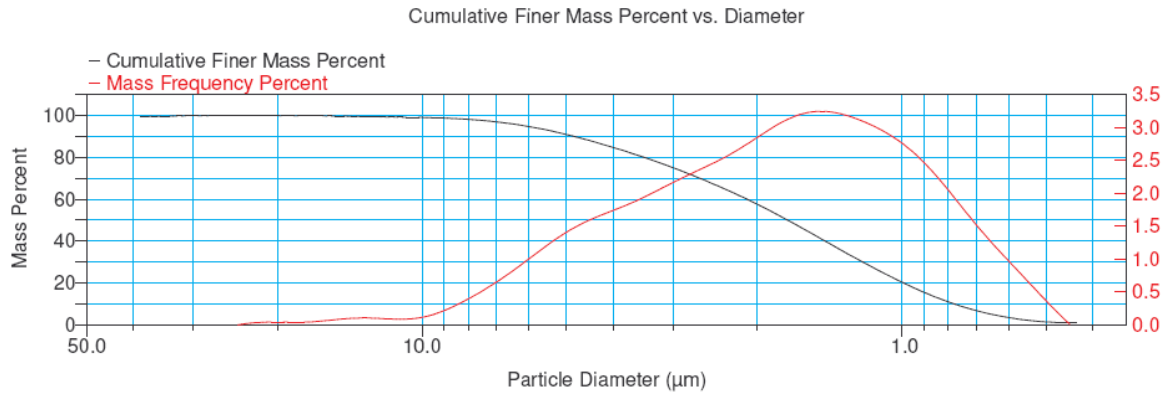
Surface Area ¹	2.0 – 3.5	[m ² /g]
Apparent Density ²	0.4 – 1.0	[g/cm ³]
TAP Density ³	1.1 – 1.7	[g/cm ³]
Reduction Loss ⁴	< 1.2	[%]
Particle Size Distribution ⁵		
D90	< 8.0	[μm]
D50	< 3.5	[μm]
D10	< 1.5	[μm]



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Palladium Powder

Typical Particle Size Distribution



Legend:

- 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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