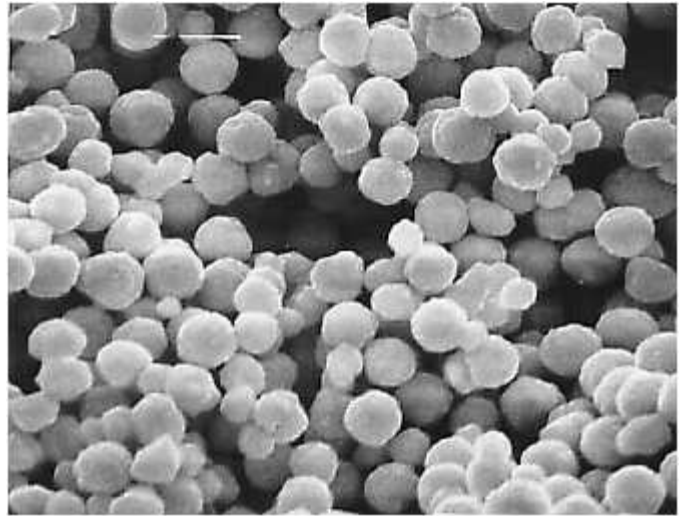


Oxidation Resistant Pd Powder Pd 200B

Cermet's 200B Series Pd powders are identical to standard 200 Series Pd powders, except they are designed to reduce oxidation during firing. Oxidation for Pd 200B is typically reduced from 14% to less than 10% as measured by TGA with a heating rate of 10°C per minute in air.

These powders are also available with a variety of organic and inorganic coatings to modify shrinkage and wetting characteristics.

We welcome the opportunity to develop new products for your unique requirements.



10kx SEM of Pd 200B

TYPICAL POWDER CHARACTERISTICS

Characteristics	Parameter	Procedure
Surface Area (m ² /g)	0.4 – 1.5	BET Method,
Tap Density (g/cm ³)	2.0 – 4.5	Tap-Pak Volumeter
PSD D90 (µm)	1.5 – 4.5	Horiba CAPA
PSD D50 (µm)	1.0 – 2.5	Horiba CAPA
PSD D10 (µm)	0.5 – 1.7	Horiba CAPA

The descriptions and engineering data shown here have been compiled by Cermet 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. R06.03

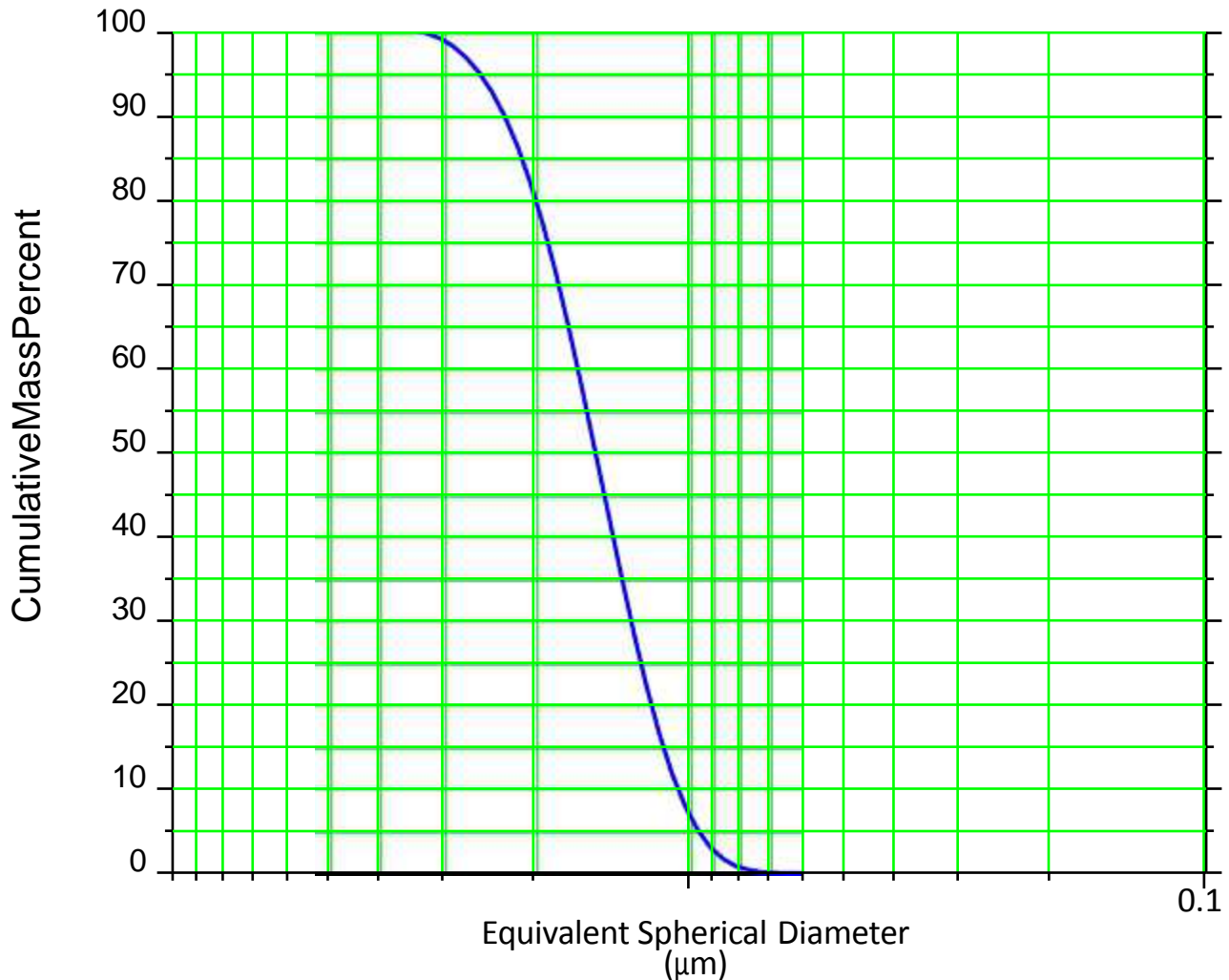
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Oxidation Resistant Pd Powder Pd 200B

Typical Pd 200B Particle Size Distribution Characteristics



Micromeritics Sedigraph 5100, A12 Sedisperse Media

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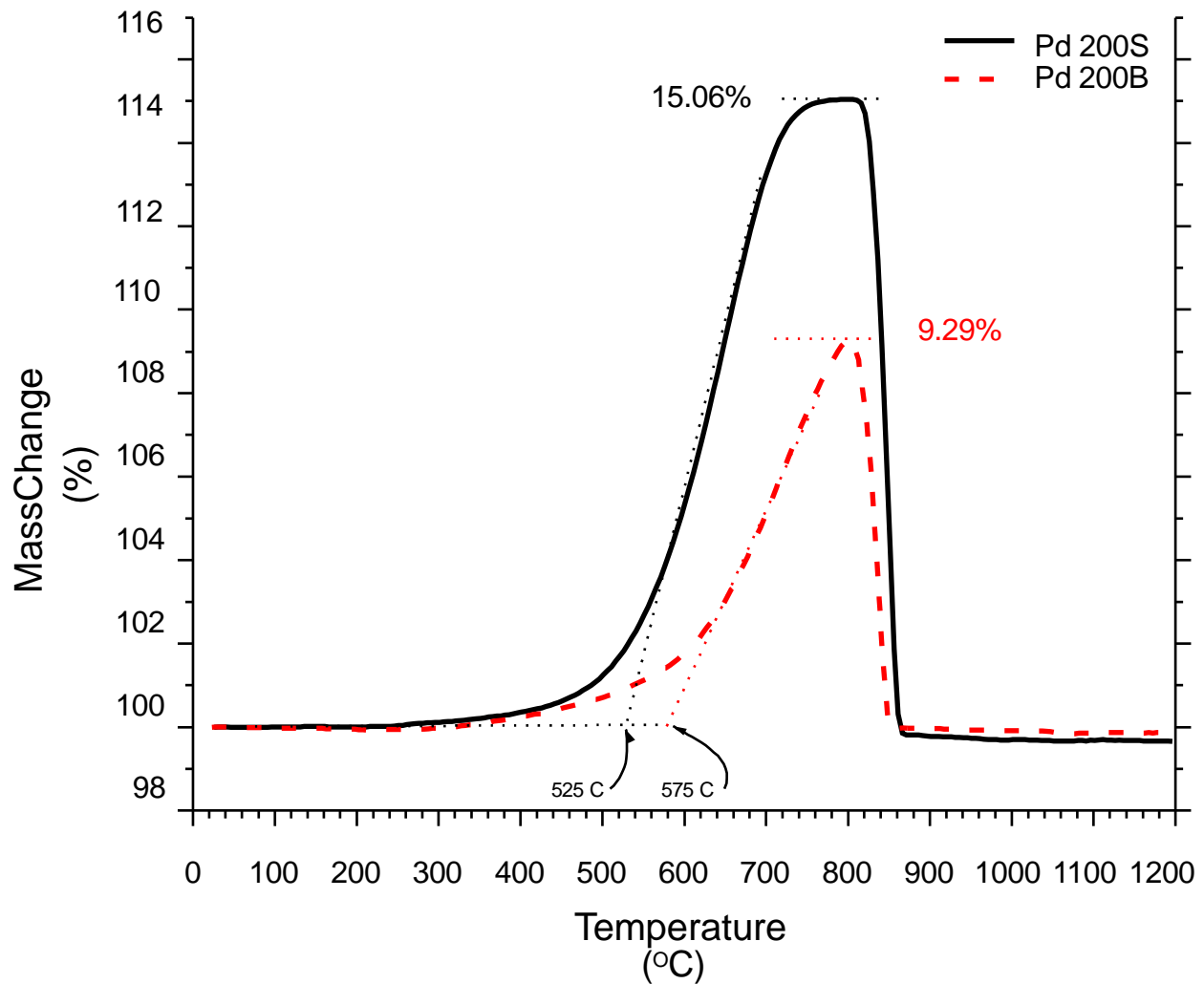
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Oxidation Resistant Pd Powder Pd 200B

Pd 200B Typical Thermal Characteristic



Netzsch STA 449, DIL 402C
Scan Rate: 10°C min⁻¹ in air

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