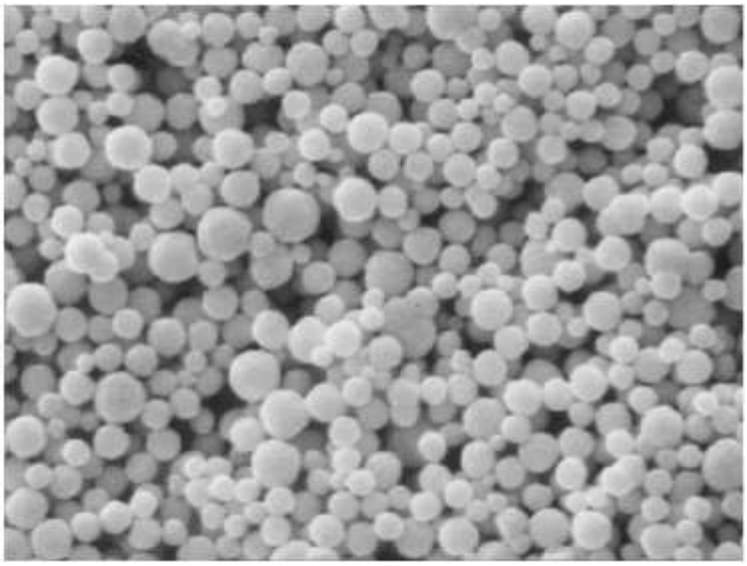
75%Ag / 25%Pd Powder AgPd 7101 Series

Cermet's 75%Ag / 25%Pd AgPd 7101 powder is a highly alloyed, monosized spherical powder, finding wide spread use as an inner electrode in the production of multilayer ceramic capacitors and as a thick film conductor. This powder demonstrates good dispersion characteristics and is ideal in applications where smooth and thin conductive metallizations are required with low metal laydowns.

Cermet 75%Ag / 25%Pd metal powders are Also available with a variety of organic and inorganic coatings to affect shrinkage, oxidation, and wetting characteristics.

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



10kx SEM of 75%Ag / 25%Pd AgPd 7101

Characteristics	Parameter	Procedure
Surface Area (m^2/g)	1.3 – 2.0	BET Method
Tap Density (g/cm^3)	2.7– 4.5	Tap-Pak Volumeter
PSD D90 (µm)	0.6-2.0	Horiba CAPA
PSD D50 (µm)	0.4-1.2	Horiba CAPA
PSD D10 (µm)	0.2-0.8	Horiba CAPA

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Fax: (852) 2960-0507
Email: albertong@cermet.com.hk

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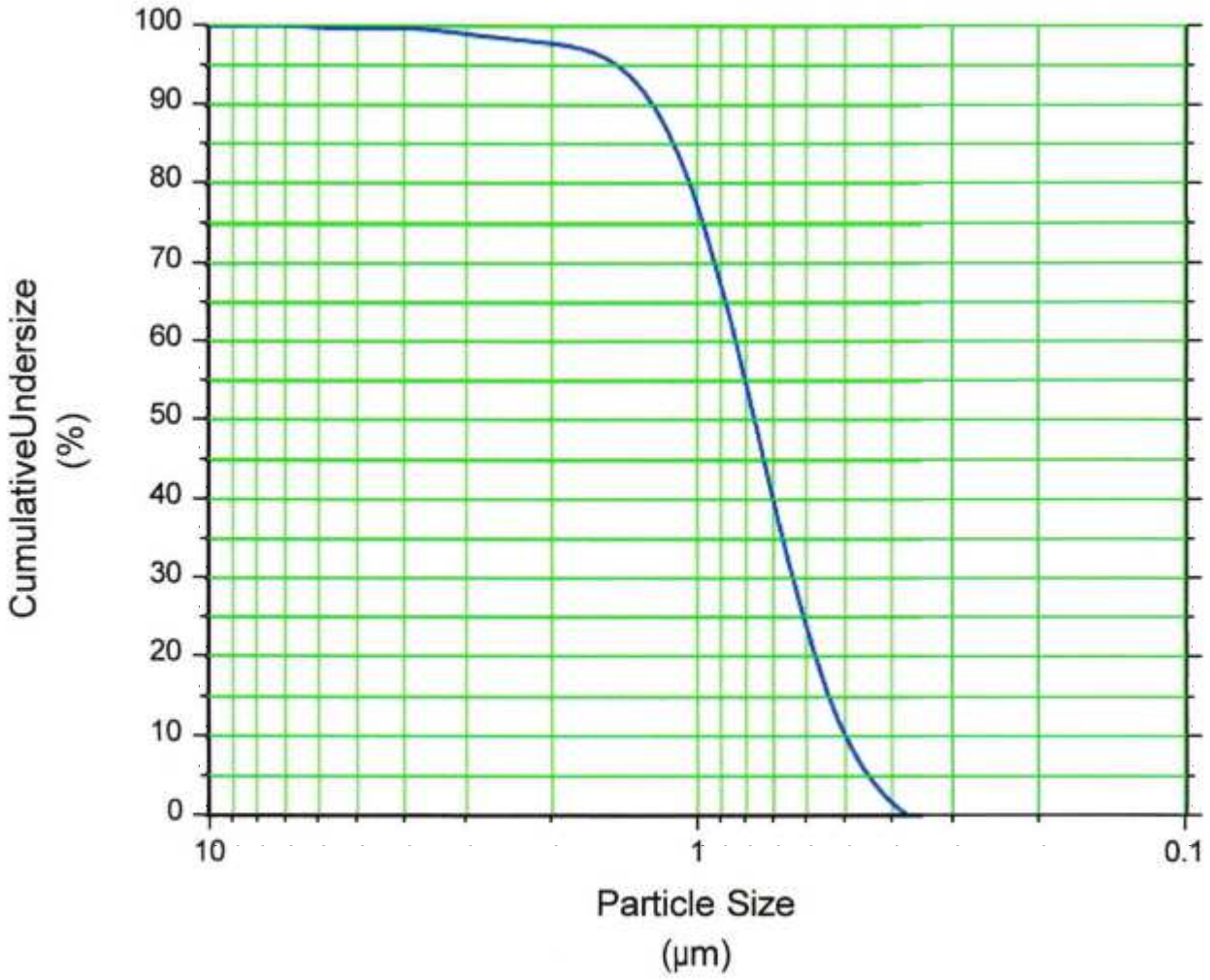
Typical AgPd 7101 Particle Size Distribution Characteristics



Micromeritics Sedigraph 5100, A12 Sedisperse Media

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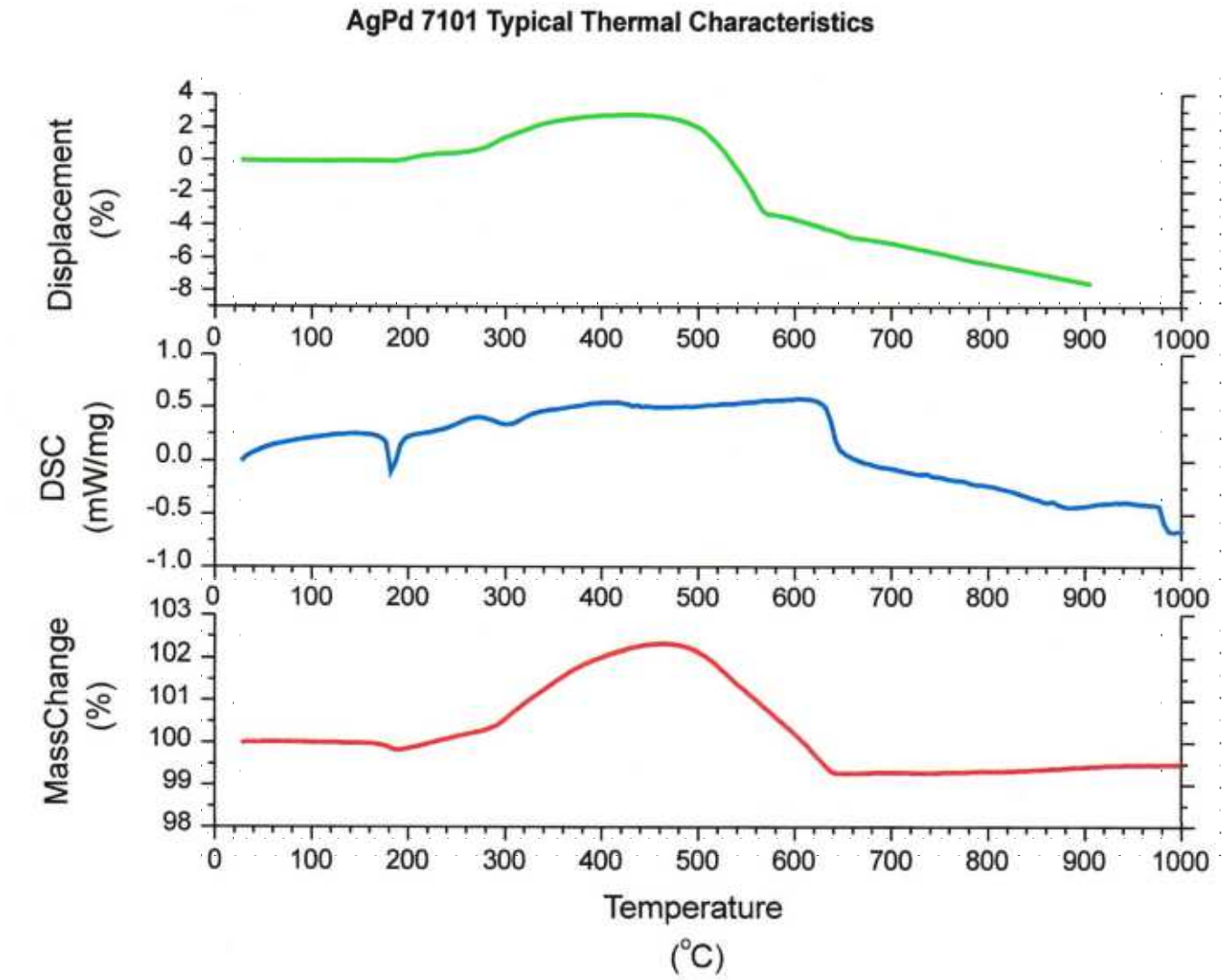

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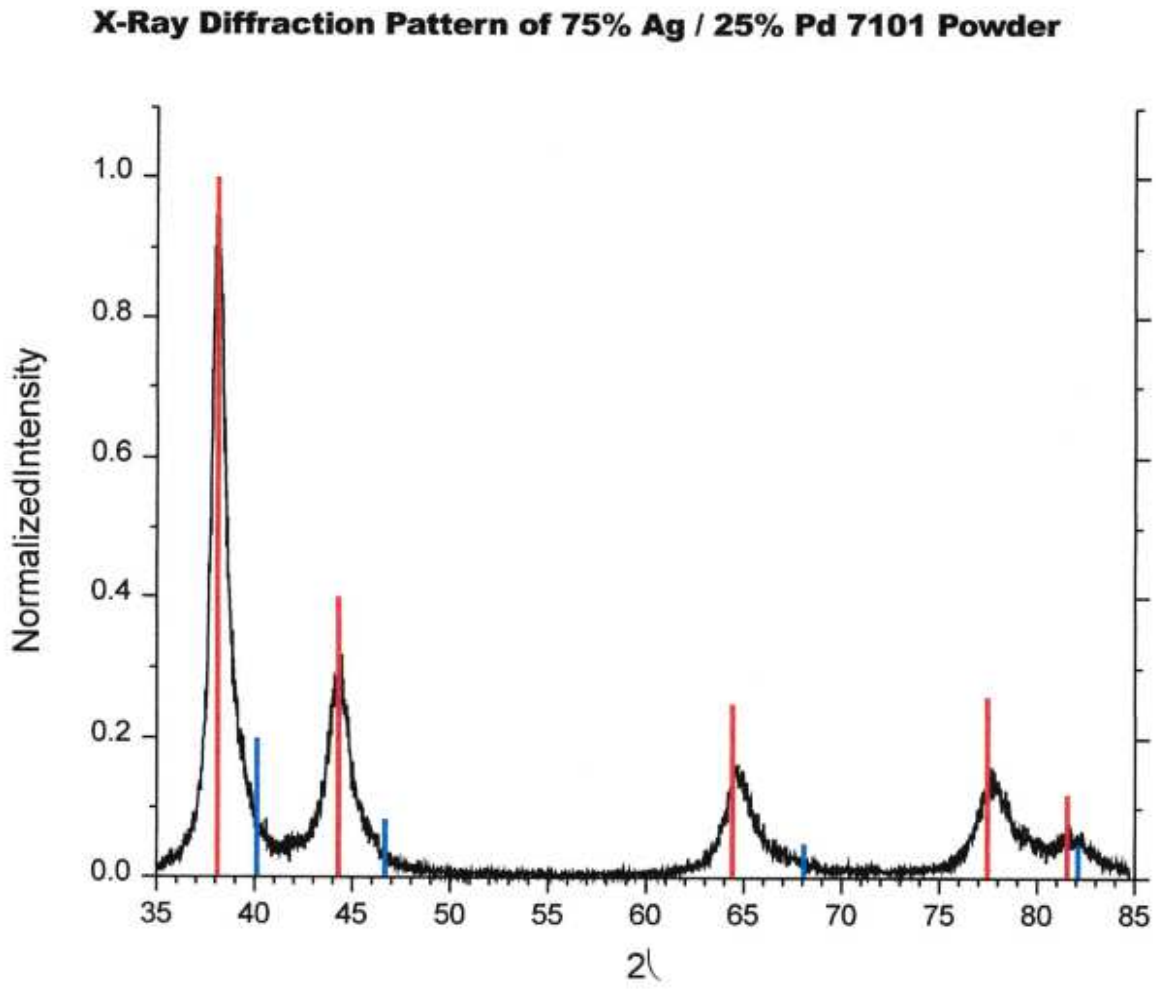

Siemens D500 Diffraktometer
1200 WATTS, Step Size 0.03, Dwell 1.0 s

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