



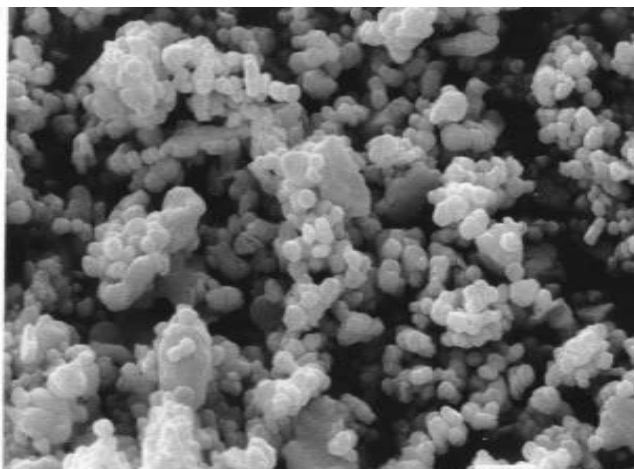
## 70%Ag / 30%Pd Powder AgPd 7558 Series

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Cermet's 70%Ag/30%Pd AgPd 7558 powder is premilled, densified and coated powder, designed for use as an inner electrode for multilayer ceramic capacitors and thick film conductors. This powder demonstrates superb dispersion characteristics with only minimal milling required to obtain smooth, thin, and low laydown conductive metallizations

Cermet 70%Ag/ 30%Pd metal powders are also available with a variety of organic, inorganic coatings and shrinkage controlling agents to affect shrinkage, oxidation, and wetting characteristics.

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



10kx SEM of 70%Ag / 30%Pd AgPd 7558

### TYPICAL POWDER CHARACTERISTICS

Characteristics	Parameter	Procedure
Surface Area (m <sup>2</sup> /g)	1.7-2.4	BET Method
Tap Density (g/cm <sup>3</sup> )	3.4- 5.0	Tap-Pak Volumeter
PSD D90 (µm)	0.7-2.0	Horiba CAPA
PSD D50 (µm)	0.4-1.2	Horiba CAPA
PSD D10 (µm)	0.2-0.8	Horiba CAPA

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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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