

## 90%Silver/10%Palladium Powder 7010-10

### PRODUCT DESCRIPTION

High purity, spherical, sequentially precipitated silver/palladium powder

### KEY FEATURES

Low range surface area  
Core/shell structure

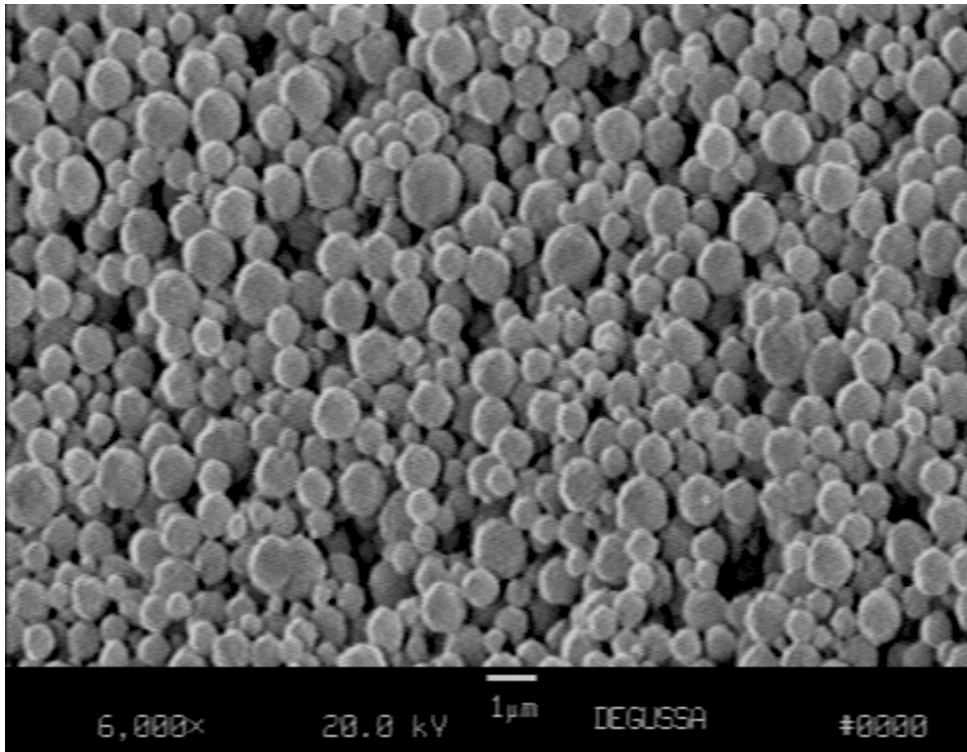
### APPLICATIONS

Ultra-low fire MLCC electrode pastes

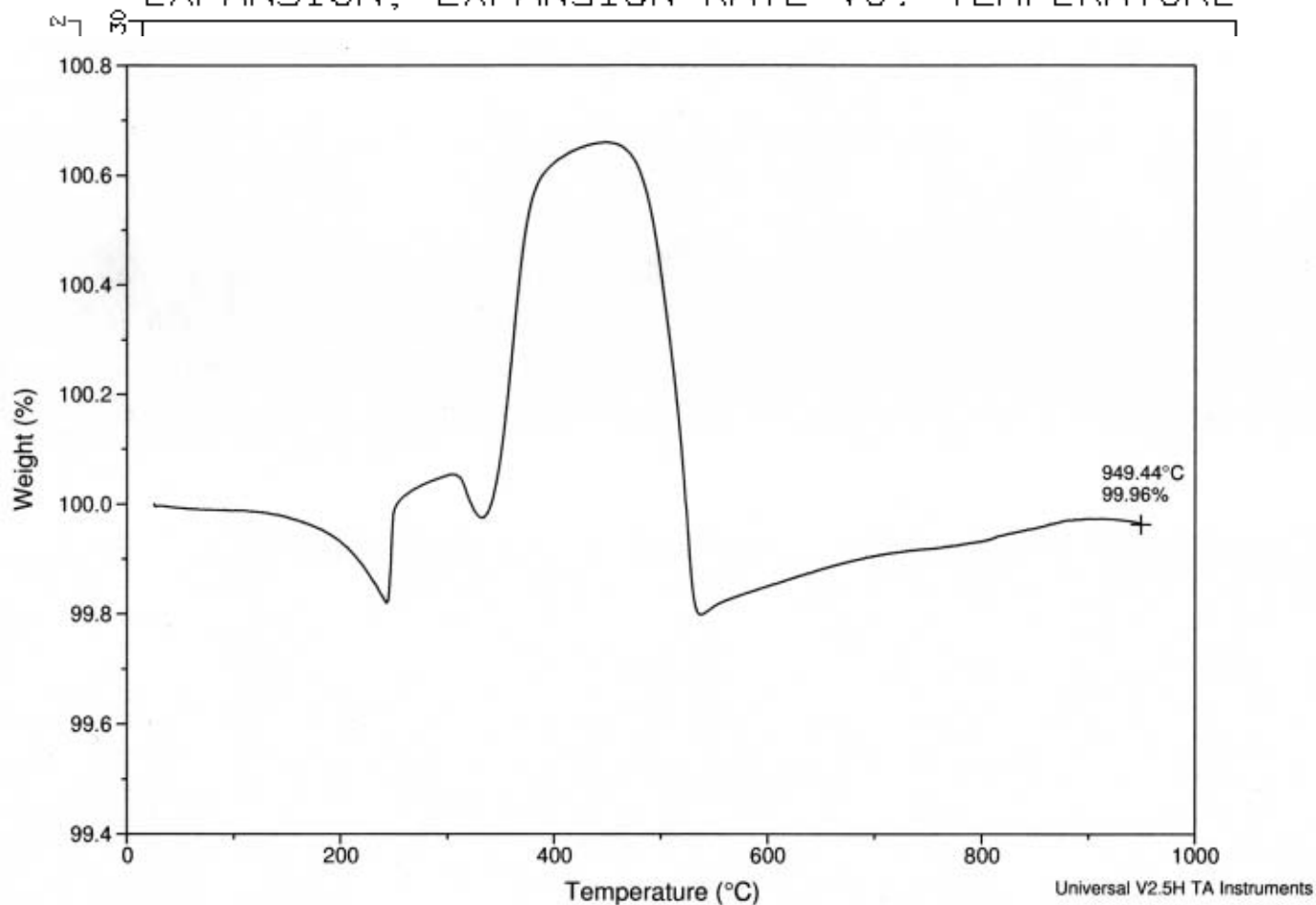
### TYPICAL PROPERTIES

Product Code:	K7010-10	
<b>PHYSICAL DATA:</b>		
Tap Density	3.0 – 5.2	grams/cc
Fisher Sub Sieve Sizer	Not Tested	microns
Surface Area	0.60 – 1.40	m <sup>2</sup> /gm
<b>LOSSES:</b>		
110°C loss - 1 hour in air	≤ 0.10	%
538°C loss - ½ hour in H <sub>2</sub>	≤ 0.60	%
<b>PARTICLE SIZE DISTRIBUTION:<sup>1</sup></b>		
95% less than	3.0	µm
90% less than	2.0	µm
50% less than	1.0	µm
10% less than	0.8	µm

<sup>1</sup>PSD measured by Honeywell X100 Particle Size Analyzer.



# EXPANSION, EXPANSION RATE vs. TEMPERATURE



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