

95%Silver/5%Palladium Powder 7005-10

PRODUCT DESCRIPTION

High purity, spherical, sequentially precipitated silver/palladium powder

KEY FEATURES

Low range surface area
Core/shell structure

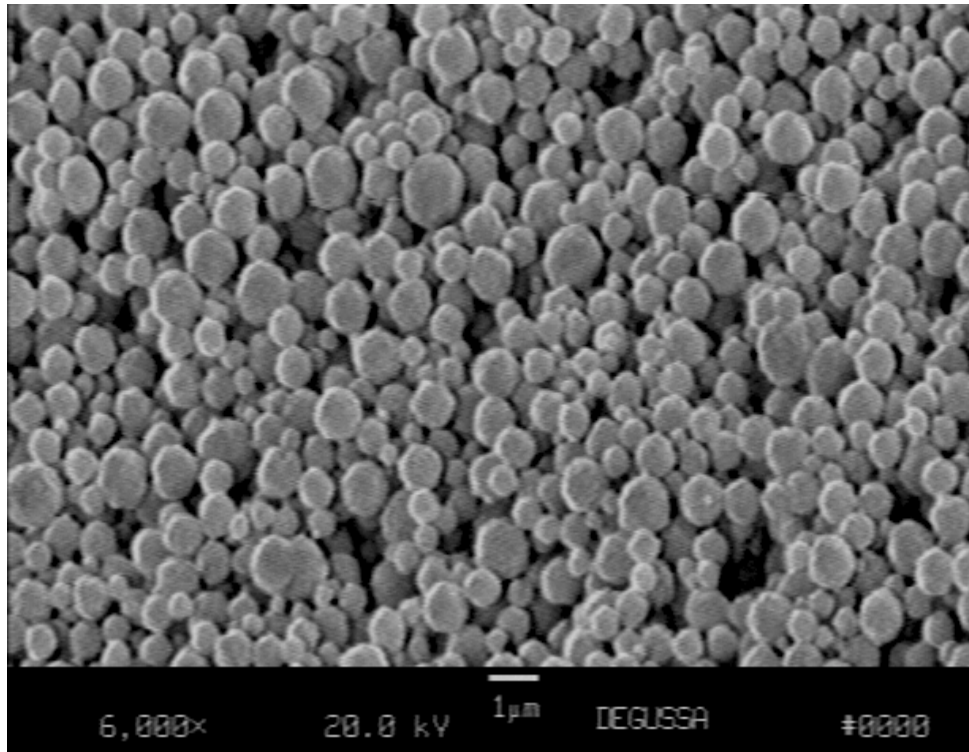
APPLICATIONS

Ultra-low fire MLCC electrode pastes

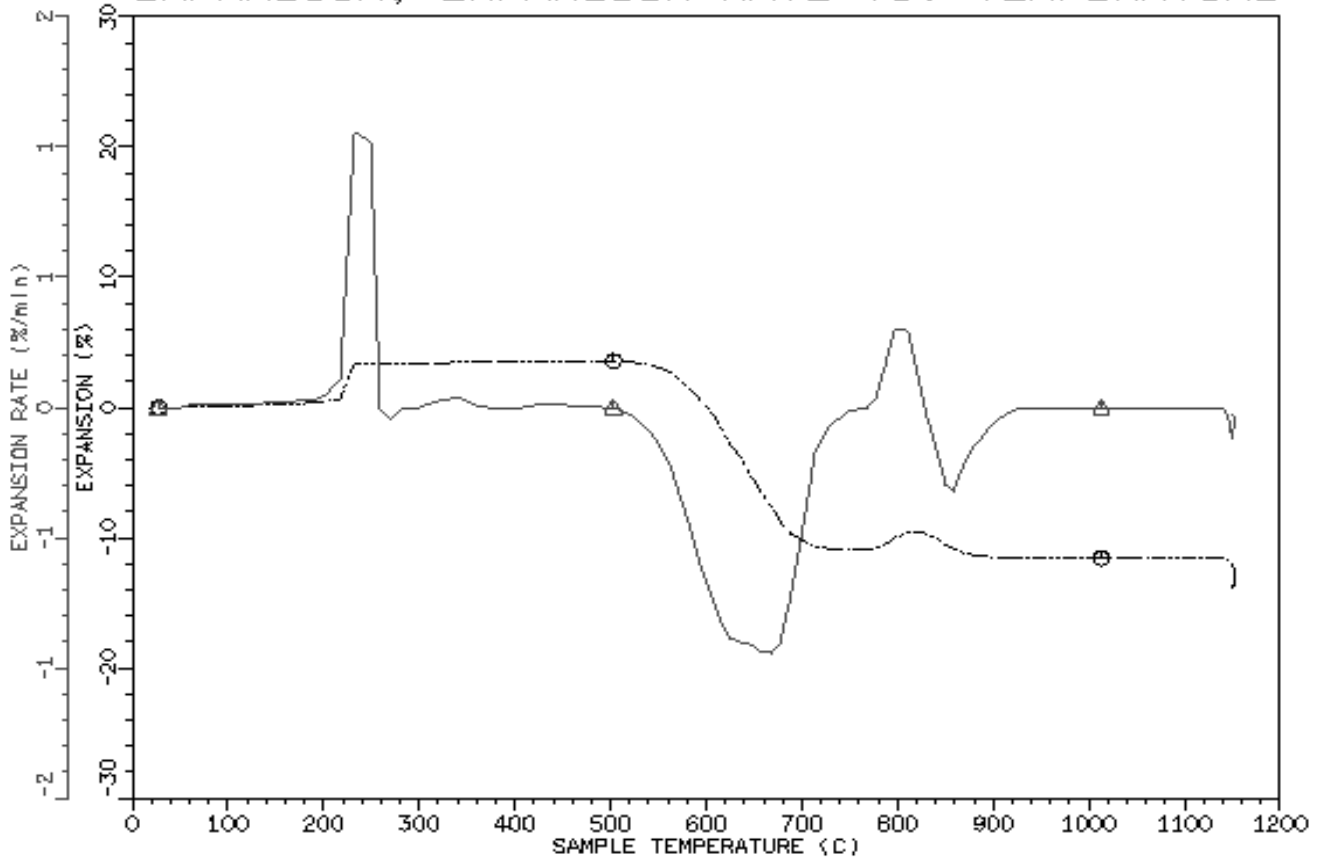
TYPICAL PROPERTIES

Product Code:	K7005-10	
PHYSICAL DATA:		
Tap Density	3.0 –5.2	grams/cc
Fisher Sub Sieve Sizer	Not Tested	microns
Surface Area	0.60 –1.40	m ² /gm
LOSSES:		
110°C loss - 1 hour in air	≤ 0.1	%
538°C loss - ½ hour in H ₂	≤ 0.6	%
PARTICLE SIZE DISTRIBUTION:¹		
95% less than	3.0	µm
90% less than	2.0	µm
50% less than	1.0	µm
10% less than	0.8	µm

¹PSD measured by Honeywell X100 Particle Size Analyzer.



EXPANSION, EXPANSION RATE vs. TEMPERATURE



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