

# DEVELOPMENTAL PRODUCT

## R&D Copper Powder #10K2

### PRODUCT DESCRIPTION

Sub-micron crystalline copper powder

### KEY FEATURES

High crystallinity  
Oxidation resistance

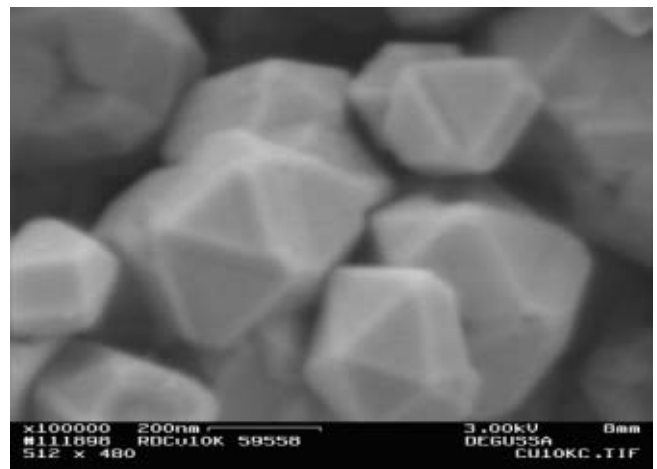
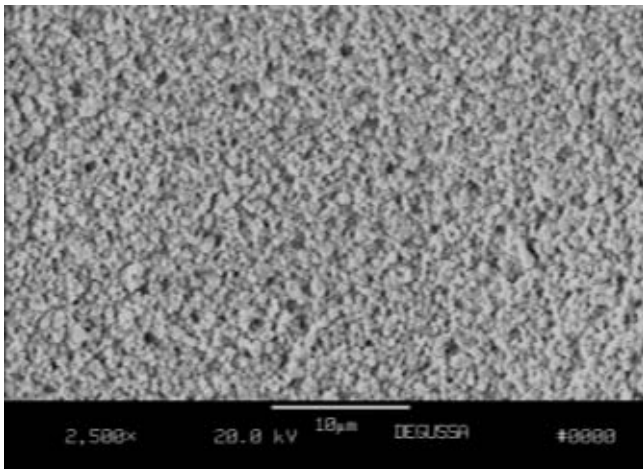
### APPLICATIONS

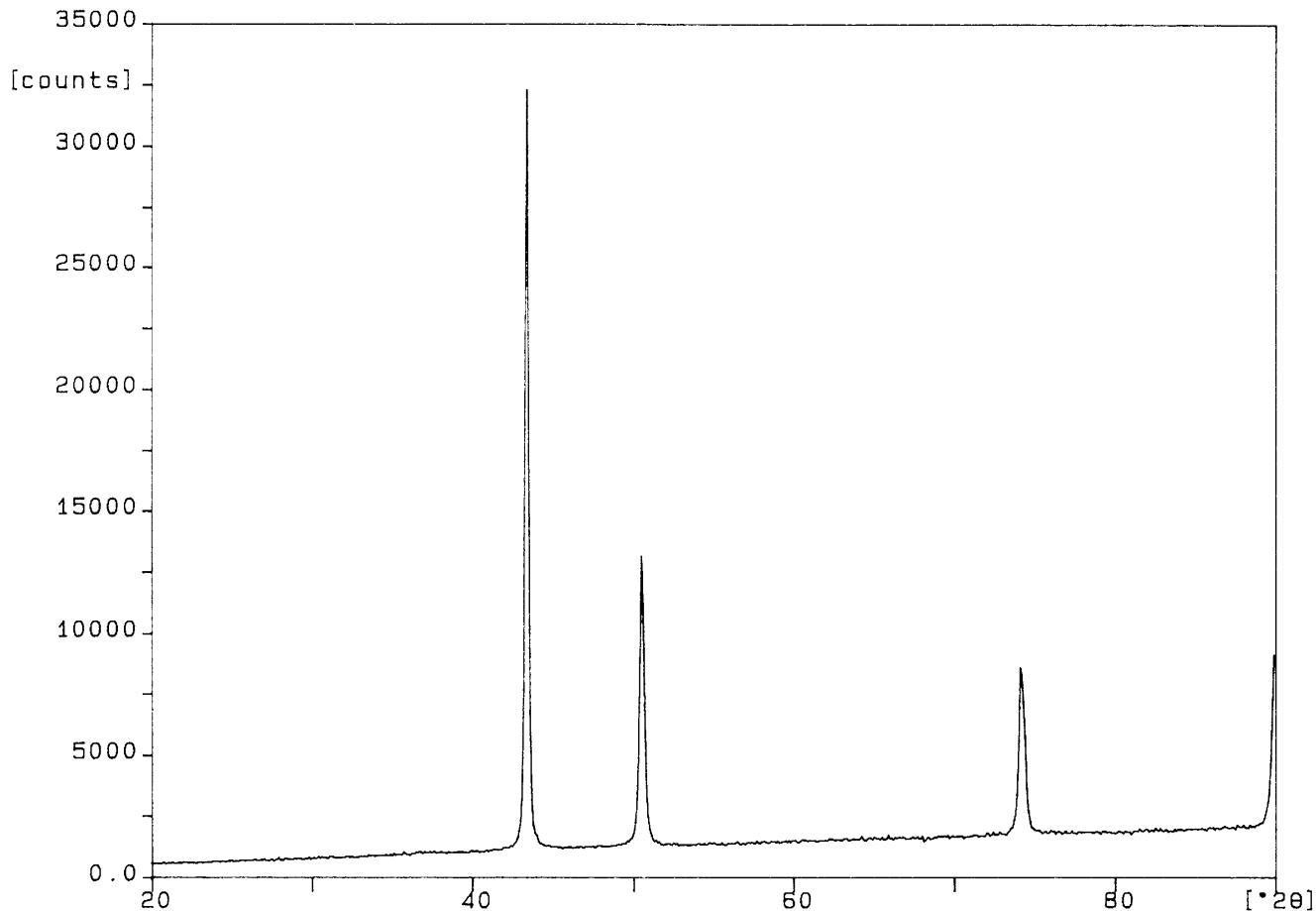
Thick film hybrid pastes  
MLCC electrode pastes  
MLCC termination pastes

### TYPICAL PROPERTIES

Product Code:	RDQ2P010K	
<b>PHYSICAL DATA:</b>		
Tap Density	≥2.8	grams/cc
Fisher Sub Sieve Sizer	Not Tested	microns
Surface Area	1.5 – 2.5	m <sup>2</sup> /gm
<b>LOSSES:</b>		
110°C loss - 1 hour in air	≤0.1	%
538°C loss - in H <sub>2</sub>	≤1.0	%
<b>PARTICLE SIZE DISTRIBUTION:<sup>1</sup></b>		
90% less than	1.8	μm
50% less than	1.0	μm
10% less than	0.6	μm

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





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