

## Silver Powder K-ED

### PRODUCT DESCRIPTION

Deagglomerated Silver Powder K

### KEY FEATURES

Highest density version of Silver Powder K  
Easily dispersible

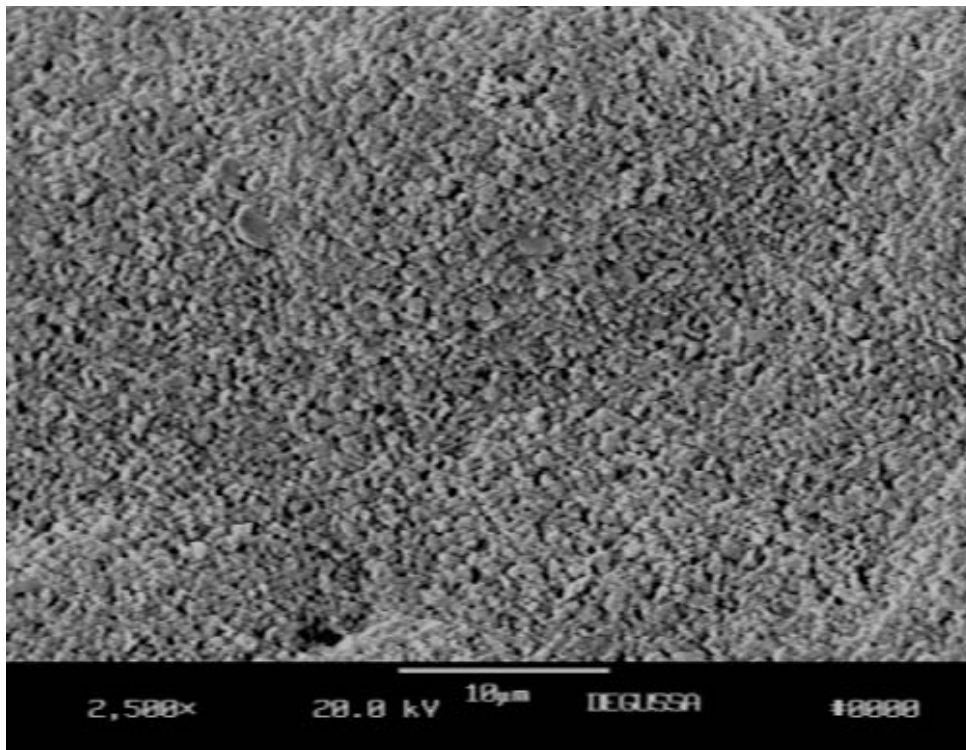
### APPLICATIONS

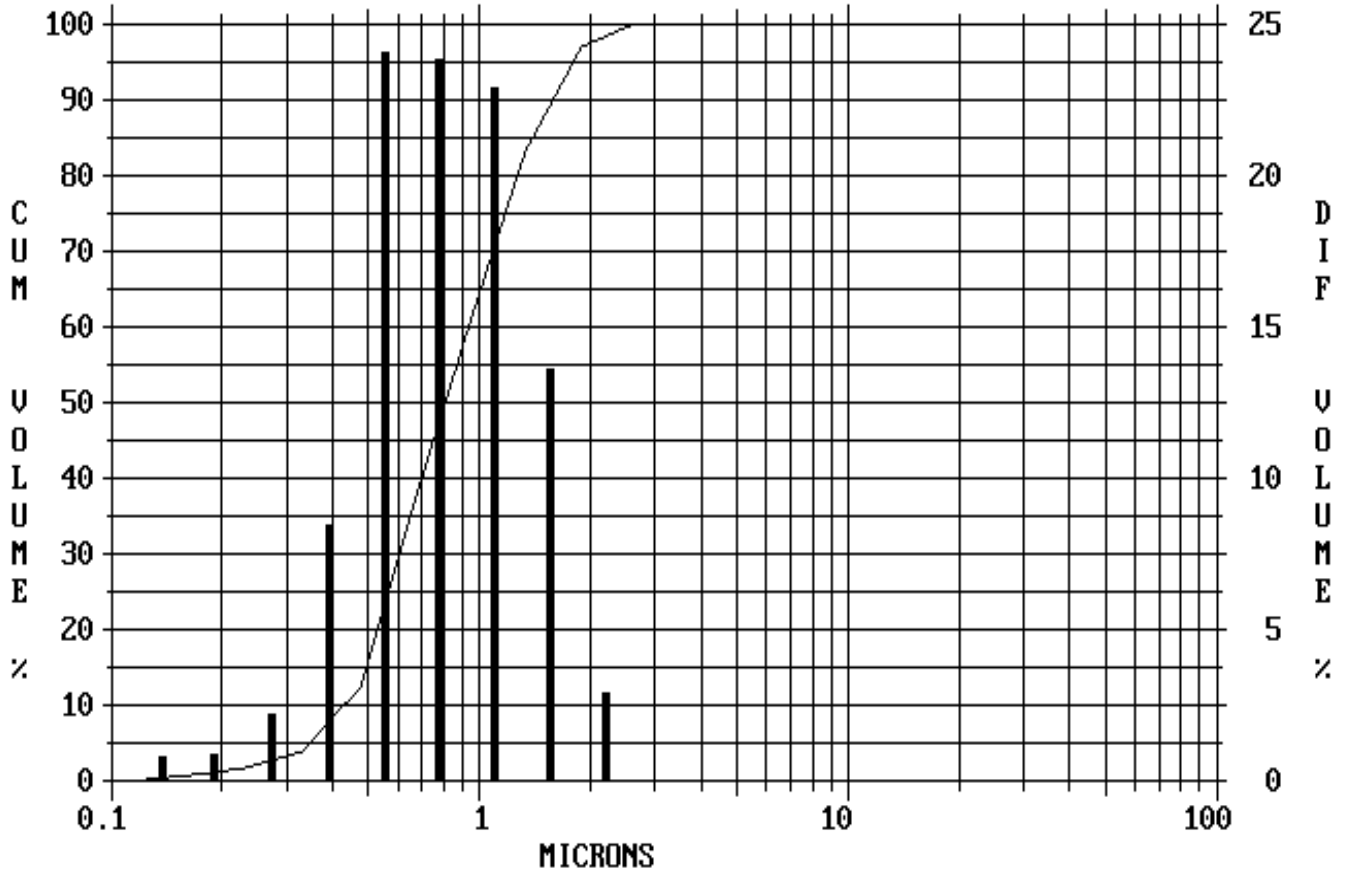
Thick film hybrid pastes

### TYPICAL PROPERTIES

Product Code:	SPK-ED	
<b>PHYSICAL DATA:</b>		
Tap Density	2.0 - 4.0	gms/cc
Fisher Sub Sieve Sizer	0.35 - 0.85	microns
Surface Area	1.20 - 2.40	m <sup>2</sup> /gm
<b>LOSSES:</b>		
110°C loss - 1 hour in air	≤ 0.15	%
538°C loss - ½ hour in air	≤ 1.80	%
<b>PARTICLE SIZE DISTRIBUTION:<sup>1</sup></b>		
95%	Not Tested	µm
90%	Not Tested	µm
50%	Not Tested	µm
10%	Not Tested	µm

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





Ferro Corporation  
 Electronic Material Systems  
 3900 So. Clinton Ave.  
 So. Plainfield, NJ 07080  
 USA  
 (908) 561-1100  
 FAX: (908) 756-7176

Ferro Corporation  
 Rodenbacher Chaussee 4  
 P. O. Box 1351  
 D-63403 Hanau-Wolfgang  
 GERMANY  
 49.6181.59.3090  
 FAX: 49.6181.59.3129

Ferro Corporation  
 Shinjuku Monolith 16F  
 2-3-1 Nishi-Shinjuku  
 Shinjuku-Ku Tokyo 163-0916  
 JAPAN  
 81.3.5323.7322  
 FAX: 81.3.5323.7396

**DISCLAIMER:** Reasonable care has been taken in the preparation of this information, but **FERRO EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS AND ASSUMES NO RESPONSIBILITY AS TO ACCURACY OR SUITABILITY OF THIS INFORMATION OF THIS PRODUCT FOR ANY PURCHASER'S OR USER'S USE OR FOR ANY CONSEQUENCE OF ITS USE. FERRO DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR ANY PARTICULAR USE.** All statements, technical information and recommendations contained herein are based on Seller's or Manufacturer's test and the test of others, and are believed to be accurate, but no guarantee of accuracy is made. Judgment as to the suitability of information herein or the user's purposes are necessarily the user's responsibility. Users shall determine the suitability of the products for their own intended application.

Users assume all risk of use or handling whether or not in accordance with any statements or recommendation of the seller or manufacturer. Liability, if any, is and shall be limited to the replacement of such quantity of material proved not to conform to specifications as set out in product specification. Statements concerning the possible use of these products are not intended as recommendation to use these products in infringement of any patent. No guarantee is made that any use of the products does not infringe third-party intellectual property or patent rights anywhere in the world.