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## **PRODUCT SERIES PROFILE**

### **Electro-Fine Series**

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Specifically designed to satisfy the demanding requirements of the electronic ceramics industry, Z-TECH has developed a series of high performance monoclinic zirconias to meet these needs.

The EF-EXTRA, EP-EXTRA and EF-PREMIUM products are plasma processed zirconia powders having the high purity levels necessary to achieve maximum performance. The characteristics include uniform chemical composition and particle size distribution, excellent lot-to-lot consistency, and a unique open and reactive crystalline structure.

All of Z-TECH's Electro-Fine Series of zirconia powders are weakly agglomerated and very friable, which enables milling to sub-micron average particle size with minimal effort.

### **Applications**

The Electro-Fine series of zirconia powders can be utilized to manufacture of various electronic ceramics. These applications include:

- PZT Piezoelectric Ceramic Powders
- Zirconate Dielectric Ceramic Powder
- Oxygen Sensors
- PTCR Heating Elements

### **Packaging**

The Electro-Fine Series of zirconia powders are packaged in 55 lb (25 Kg), 110 lb. (50 kg.) and 275 lb. (125 kg.) fiber drums.

Detailed product data sheets are available upon request.