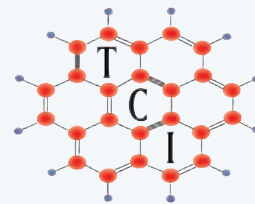


TCI Ceramics, Inc.

Manufacturers of Dielectric, Magnetic, & Advanced Materials



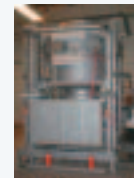
CAPABILITIES

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TCI Ceramics, Inc., a subsidiary of National Magnetics Group, is one of the world leaders in electronic ceramics and advanced ceramic materials. With the following capabilities at our disposal, we are ready, willing, and able to support all of your advanced ceramic materials requirements:

- Award-winning technical staff with over 200 years of combined experience in ceramic materials development and manufacture
- Two locations to serve you better
- One of the broadest product lines in the industry
 - Temperature-stabilized, high-Q dielectrics
 - Low-loss microwave dielectrics
 - Garnets and spinels for microwave frequencies
 - Magnetic spinels and hexaferrites for RF frequencies
 - Ceramic materials for thermal deposition
- Extensive powder-processing capabilities - 4 spray dryers; ball, vibratory, and jet milling capabilities
- Over 50 presses, including isostatic, uniaxial, and extrusion types with pressures to 200 Tons
- Over 50 sintering kilns, including 5 tunnel-kilns and 2 hot isostatic presses; firing temperatures to 1550° C. and controlled environments from 1 to 10 atmospheres
- Precision ceramic grinding equipment for high throughput and exacting tolerances to +/- .0002"
- Complete electronic measurement lab for full-characterization of materials in-house

TCI welcomes inquiries for technical support and for custom processing of materials for electronic, thermal deposition, or other applications.



TCI Ceramics, Inc.

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