Yttrium-Stabilized Zirconium Oxide, YSZ

Sputtering Targets

Applications
- Fuel cells
- Oxygen sensors

Features
- High purity
- Custom Sizes Available

Process
- Manufacturing
  - Cold pressed
  - Sintered
  - Indium bonded to backing plate
- Cleaning and final packaging
  - Cleaned for use in vacuum
  - Protection from environmental contaminants
  - Protection during shipment

Options
- 99.9% minimum purity
- Up to 12.0" Targets Available
- Planar Tiles Up to 8" X 5" for Larger Target Configurations
Specifications

Typical Analysis - 99.9% (3N) Purity
Metallic Impurities, ppm by weight

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<th>Ca</th>
<th>Fe</th>
<th>Na</th>
<th>Si</th>
<th>Ti</th>
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Theoretical Density 5.9 g/cc
Typical Density >5.0 g/cc
Appearance White/Beige
Particle Size D50

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