

Yttrium- Stabilized Zirconium Oxide, YSZ

Sputtering Targets



Kurt J. Lesker[®]
Company

MATERIALS[™]
DIVISION

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

www.lesker.com

Specifications

Typical Analysis - 99.9% (3N) Purity

Metallic Impurities, ppm by weight

Ca	Fe	Na	Si	Ti	Er	Ho
<10	<20	<15	<100	<15	<15	<10

Theoretical Density	5.9 g/cc
Typical Density	>5.0 g/cc
Appearance	White/Beige
Particle Size	D50

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