

Zr

ZIRCONIUM SPUTTERING TARGET

Zirconium is classified as a transition metal on the Periodic Table. It has a density of 6.49 g/cc, a melting point of 1,852°C, and a vapor pressure of 10⁻⁴ Torr at 1,987°C. It is silvery-white in appearance and its propensity for corrosion resistance makes it heavily used by the chemical industry. Zirconium can be found in surgical appliances, superconductive magnets, and the cladding of nuclear reactors. It is also utilized as an alloying agent for steel. Its compound, zirconia, is often a substitute for diamonds in jewelry. Zirconium, along with its alloys and compounds, is evaporated under vacuum for optical coatings, semiconductors, and data storage devices.

Quick Facts

Product	: Zirconium Sputtering Target
Stock No	: NS6130-10-1046
CAS	: 7440-67-7
Backing Plate	: (As per Customer requirement)

Application

- ✓ Decorative coating
- ✓ Hardware tool coating
- ✓ Semiconductor
- ✓ Optical coating

Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1046	99.99%	50.8 mm ± 1mm	3 mm ± 0.5mm

Technical Specification

Molecular Formula	Molecular Weight	Thermal Conductivity
Zr	91.224g/mol	22.7 W/m.K



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High Purity
SPUTTERING
TARGET



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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