

Technical Data Sheet

Iridium Sputtering Target

Product ID: 7700ST001 - 7700ST004

Formular: Ir

Molecular weight: 192.22 g/mol

CAS No.: 7439-88-5

EINECS No.: 231-095-9

Appearance: Silver Gray

Description: Our iridium sputtering target has a purity of 99.95%, offers excellent oxidation resistance, and chemical stability.

Application: Semiconductor, Optics, Electronic devices, Research fields, etc.

Product

Image:



1. Sizes:

Product ID	Formular	Particle Size
7700ST001	Ir (99.95%)	Ø 25.4 mm x 3.175 mm
7700ST002	Ir (99.95%)	Ø 50.8 mm x 3.175 mm
7700ST003	Ir (99.95%)	Ø 76.2 mm x 3.175 mm
7700ST004	Ir (99.95%)	Ø 101.6 mm x 6.35 mm
7700STDZ	Ir (99.95%)	Customized

2. Chemical compositions

Element	Metal impurities (ppm)									
	Pt	Pd	Rh	Fe	Si	Al	B	Ca	Cr	Zr
Typical Value	≤10	≤15	≤30	≤50	≤50	≤10	≤10	≤50	≤10	≤20

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Relative Density

>99%

4. Typical Packaging

Outer Packaging: Carton/wooden box.

Inner Packaging: Double vacuum sealing.

5. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear a dust mask, ensure proper ventilation.

Stored in a dry, sealed environment, avoid high temperature and high humidity conditions, and follow proper procedures for disposal and cleaning to maintain material integrity and safety.

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