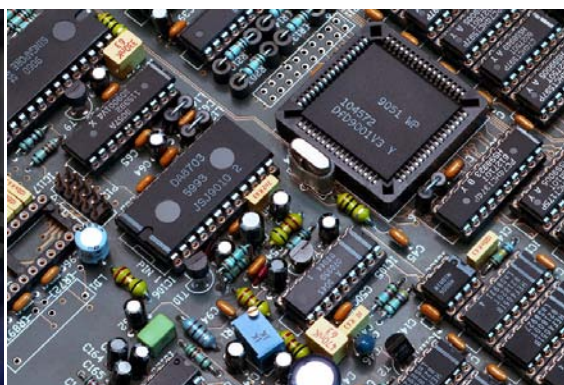


Tantalum Pentoxide & Niobium Pentoxide



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About us

SRC Metals is a global supplier and professional manufacturing company servicing customers worldwide with high quality Tungsten, Molybdenum, Tantalum, Niobium and Coating materials since 1998. Main products include parts, target, granules, plate, disc, wire, foil, strip, rod and oxides etc.

We will continue to invest in our business for a long-term profitable growth based on mutual benefits with our customers.

As a company aware of its responsibilities, we do not purchase any "conflict minerals" which are mined in central Africa, and primarily in the Democratic Republic of the Congo (DRC). We only procure tantalum raw materials from ethically trustworthy sources, which are officially confirmed by EICC certification. The audit scope covers all the preliminary stages involved in the production of the material. An annual re-audit is performed to confirm continued compliance.



Our products are widely used for architectural glass, optical glass, the laser industry, flat display panel (FDP), semiconductor, packaging industry, vacuum industry, light emitting diode (LED) industry, recording media, decorative coating and photovoltaic industry such as solar cell etc.

SRC works with partners by supplying OEMs service and replacement parts of end users.

Our products are exported to America, Europe and Asia. We are honored to work with professors of many universities and Institutes on their cutting-edge researches.

Quality Assurance

Through an extensive manufacturing and supply network, SRC produces and markets a full range of products for R&D, pilot and full-scale production.

SRC procures raw materials, equipment, operating materials and services exclusively from approved suppliers with quality management systems certified to ISO 9001:2008.



Our target is to provide a high quality product at a competitive price and consistent prompt delivery. At the heart of our success is a commitment to quality. No MOQ order is required. We supply our products from Lab demand to mass production.

Refining, melting, hot pressing, hot isostatic pressing (HIP), machining, inspection and packaging are provided under one roof. Tracking the raw materials ID throughout our processes, assures traceable quality of our products.



SRC's system of policies, procedures, training and documentation ensures consistency and optimal product quality.

SRC provides a distinct advantage for its customers in terms of product control.



SRC's Total Quality Management (TQM) system offers strict raw material incoming inspection, full process control, traceable documents, detailed test for finished products, which will guarantee our continuous improvement.

Tantalum Pentoxide

Formula: Ta₂O₅

Cas No.: 1314-61-0

Purity: 99.99% Min.



Application

- Optical glass as additive
- multi-layer dielectric coatings
- Solar cells
- AR coating
- Lithium tantalate crystals
- Capacitor etc.

Specification

Ta ₂ O ₅			99.99%		
Elements	Impurities	Test method	Elements	Impurities	Test method
Si	0.0008%	ICP-OES	Fe	0.0003%	ICP-OES
Sb	0.00028%	ICP-OES	Bi	0.0001%	ICP-OES
Mn	0.0001%	ICP-OES	Ti	0.0001%	ICP-OES
Pb	0.0003%	ICP-OES	Al	0.0003%	ICP-OES
Ni	0.0003%	ICP-OES	Mo	0.0003%	ICP-OES
Cr	0.0001%	ICP-OES	Cu	0.0003%	ICP-OES
Sn	0.0001%	ICP-OES	Nb	0.0020%	ICP-OES
As	0.0001%	ICP-OES	B	0.0001%	ICP-OES

SRC is able to machine parts as per customer's drawing. You only need send us your required material, purity, dimension, quantity for an inquiry. You will get the quotation on the same day.

Niobium Pentoxide

Formula: Nb₂O₅

Cas No.: 1313-96-8

Purity: 99.99% Min.



Application

- Optical glass as additive
- multi-layer dielectric coatings
- Special alloys
- AR coating
- Lithium niobate crystal
- Electronic ceramic etc.

Specification

Nb ₂ O ₅			99.9%		
elements	impurities	Test method	elements	impurities	Test method
Si	0.003%	ICP-OES	Fe	0.008%	ICP-OES
W	0.0020%	ICP-OES	Bi	0.0017%	ICP-OES
Mn	0.002%	ICP-OES	Ti	0.001%	ICP-OES
Pb	0.002%	ICP-OES	Al	0.002%	ICP-OES
Ni	0.002%	ICP-OES	Mo	0.002%	ICP-OES
Cr	0.002%	ICP-OES	Cu	0.009%	ICP-OES

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Contact us



Expertise in materials, loyalty to customer

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