

# Tantalum

## NANOPARTICLES

# Ta

Purity  
**99.5%**

Stock no.  
**NS6130-01-145**  
CAS : **7440-25-7**

Tantalum is a chemical element with the symbol Ta and atomic number 73. Tantalum powders are dark grey combustible metal powder with a high density and excellent thermal and electrical conductivity properties. And they are widely used in many applications, especially medical applications.

### Technical Specification

Molecular Weight	Density	APS
180.94g/mol	16.7g/cm <sup>3</sup>	50-80nm

- Medical appliances such as hearing aids and pacemakers
- Automotive components such as ABS, airbag activation, engine management modules, GPS
- Portable electronics e.g. laptop computers, cellular/mobile phones, video cameras, digital still cameras
- DVD players, flat screen TVs, games consoles, battery chargers, power rectifiers, cellular/mobile phone signal masts, oil well probes

**APS: 50-80nm**



ISO 9001:2015  
CERTIFIED COMPANY



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