

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 | Melting Point | APS |
|------------------|-----------------------|---------------|---------|
| 180.94g/mol | 16.7g/cm ³ | N/A | 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
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