

## American Elements Tantalum Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

### Material Notes:

**General Description**Tantalum (Ta) Nanoparticles, nanodots or nanopowder are spherical or faceted high surface area metal particles.

Nanoscale Tantalum Particles are typically 10-20 nanometers (nm) with specific surface area (SSA) in the 30 – 60 m<sup>2</sup>/g range and also available in with an average particle size of 80 nm range with a specific surface area of approximately 12 m<sup>2</sup>/g. Nano Tantalum Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Applications for Tantalum nanocrystals include as a superconductor, as a dopant in photoelectrode materials, for their Magneto-optical effects, for use in micro-batteries and further research is being done for their electrical, and dielectric properties. Tantalum Nano Particles are generally immediately available in most volumes.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Tantalum-Nanoparticles.php](http://www.lookpolymers.com/polymer_American-Elements-Tantalum-Nanoparticles.php)

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.020 µm	0.010 - 0.020 µm	
	0.080 µm	0.080 µm	
Specific Surface Area	12 m <sup>2</sup> /g	12 m <sup>2</sup> /g	
	30 - 60 m <sup>2</sup> /g	30 - 60 m <sup>2</sup> /g	
Molecular Weight	180.94 g/mol	180.94 g/mol	

Descriptive Properties	Value	Comments
Appearance	Silvery-gray	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China