

American Elements Tantalum Oxide Nanopowder

Category : Ceramic , Oxide

Material Notes:

General Description Tantalum Oxide (TaO) Nanopowder or Nanoparticles, nanodots or nanocrystals are ferric and ferrous spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Tantalum Oxide Particles are typically 20-80 nanometers (nm) with specific surface area (SSA) in the 10 – 50 m²/g range and also available in with an average particle size of 100 nm range with a specific surface area of approximately 7- 10 m²/g. Nano Tantalum Oxide Particles are also available in ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Tungsten Oxide Nanocrystals include in dental imaging because they are sufficiently radiopaque (is impervious to radiation) for good X-ray resolution, and in coatings, plastics, nanowire, nanofiber and textiles and in certain alloy and catalyst applications. Further research is being done for their potential electrical, dielectric, magnetic, optical, imaging, biomedical and bioscience properties.

Order this product through the following link:

http://www.lookpolymers.com/polymer_American-Elements-Tantalum-Oxide-Nanopowder.php

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.080 µm	0.020 - 0.080 µm	
	0.10 µm	0.10 µm	
Specific Surface Area	7.0 - 10 m ² /g	7.0 - 10 m ² /g	
	10 - 50 m ² /g	10 - 50 m ² /g	
Molecular Weight	441.89 g/mol	441.89 g/mol	

Descriptive Properties	Value	Comments
Appearance	White	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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