

## American Elements Tungsten Oxide Nanopowder

Category : Ceramic , Oxide

**Material Notes:**

General Description Tungsten Oxide ( WO) Nanopowder or Nanoparticles, nanodots or nanocrystals are spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Tin Oxide Particles are typically 20-40 nanometers (nm) with specific surface area (SSA) in the 10 – 80 m<sup>2</sup>/g range and also available in with an average particle size of 100 nm range with a specific surface area of approximately 5 - 10 m<sup>2</sup>/g. Nano Tungsten Oxide Particles are also available in rutile, ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Tungsten Oxide Nanocrystals include in conducting and semi-conducting uses, and for its mechanochemical and optical properties. Further research is being done for their potential electrical, dielectric, magnetic, optical, imaging, catalytic, biomedical and bioscience properties.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Tungsten-Oxide-Nanopowder.php](http://www.lookpolymers.com/polymer_American-Elements-Tungsten-Oxide-Nanopowder.php)

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.040 µm	0.020 - 0.040 µm	
	0.10 µm	0.10 µm	
Specific Surface Area	5.0 - 10 m <sup>2</sup> /g	5.0 - 10 m <sup>2</sup> /g	
	10 - 80 m <sup>2</sup> /g	10 - 80 m <sup>2</sup> /g	
Molecular Weight	231.85 g/mol	231.85 g/mol	

Descriptive Properties	Value	Comments
Appearance	Black	

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