

## American Elements Niobium Oxide Nanoparticles

Category : Ceramic , Oxide

### Material Notes:

**General Description** Niobium Oxide ( MoO) Nanopowder or Nanoparticles, nanodots or nanocrystals are ferric and ferrous spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Niobium Oxide Particles are typically 20-100 nanometers (nm) with specific surface area (SSA) in the 25 – 50 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 7- 10 m<sup>2</sup>/g. Nano Niobium Oxide Particles are also available in ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Niobium Oxide Nanocrystals include in electrochemical capacitors, electrochemical cathodes, and in coatings, plastics, nanowire, nanofiber and certain alloy and catalyst applications. Further research is being done for their use as niobium oxide nanotubes, 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-Niobium-Oxide-Nanoparticles.php](http://www.lookpolymers.com/polymer_American-Elements-Niobium-Oxide-Nanoparticles.php)

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.10 µm	0.020 - 0.10 µm	
	0.10 µm	0.10 µm	
Specific Surface Area	7.0 - 10 m <sup>2</sup> /g	7.0 - 10 m <sup>2</sup> /g	
	25 - 50 m <sup>2</sup> /g	25 - 50 m <sup>2</sup> /g	
Molecular Weight	265.81 g/mol	265.81 g/mol	

Descriptive Properties	Value	Comments
Appearance	White Powder	

## 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