

## American Elements Antimony Oxide Nanopowder

Category : Ceramic , Oxide

### Material Notes:

**General Description**Antimony Oxide ( SbO) Nanopowder or Nanoparticles, nanodots or nanocrystals are ferric and ferrous spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Antimony Oxide Particles are typically 20-80 nanometers (nm) with specific surface area (SSA) in the 10 – 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 Antimony Oxide Particles are also available in ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Antimony Oxide Nanocrystals include as a flame retardant in coatings, plastics, fiber and textiles and in certain alloy and catalyst applications. Further research is being done for their potential electrical, magnetic, optical, and bioscience properties.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Antimony-Oxide-Nanopowder.php](http://www.lookpolymers.com/polymer_American-Elements-Antimony-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 <sup>2</sup> /g	7.0 - 10 m <sup>2</sup> /g	
	10 - 50 m <sup>2</sup> /g	10 - 50 m <sup>2</sup> /g	
Molecular Weight	291.5 g/mol	291.5 g/mol	

Descriptive Properties	Value	Comments
Appearance	White Powder	

## Contact Songhan Plastic Technology Co.,Ltd.

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