

## American Elements Antimony Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

### Material Notes:

General Description Antimony (Sb) Nanoparticles, nanodots or nanopowder are spherical or faceted high surface area metal nanostructure particles. Nanoscale Antimony Particles are typically 20-40 nanometers (nm) with specific surface area (SSA) in the 30 – 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 m<sup>2</sup>/g. Nano Antimony Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Research is being done for their potential structural, layering, electrical, dielectric, magnetic, optical, properties. Antimony Nano Particles are generally immediately available in most volumes.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Antimony-Nanoparticles.php](http://www.lookpolymers.com/polymer_American-Elements-Antimony-Nanoparticles.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	7.0 m <sup>2</sup> /g	7.0 m <sup>2</sup> /g	
	30 - 50 m <sup>2</sup> /g	30 - 50 m <sup>2</sup> /g	
Molecular Weight	121.75 g/mol	121.75 g/mol	

Descriptive Properties	Value	Comments
Appearance	Silvery	

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