

American Elements Silver Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

Material Notes:

General Description Silver (Ag) Nanoparticles, nanodots or nanopowder are spherical or flake high surface area metal particles. Nanoscale Silver Particles are typically 1 - 40 nanometers (nm) with specific surface area (SSA) in the 1 – 1 m²/g range and also available as flakes with an average particle size of 2-10 micron range with a specific surface area of approximately 1 m²/g. Nano Silver Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Applications for silver nanocrystals and flakes include as an anti-microbial, anti-biotic and anti-fungal agent when incorporated in coatings, nanofiber, first aid bandages, plastics, soap and textiles, in treatment of certain viruses, in self cleaning fabrics, as a conductive filler and in nanowire and certain catalyst applications. See the Silver Nanoparticles product data sheet.

Order this product through the following link:

http://www.lookpolymers.com/polymer_American-Elements-Silver-Nanoparticles.php

Physical Properties	Metric	English	Comments
Density	10.49 g/cc	0.3790 lb/in ³	
Particle Size	0.0010 - 0.040 µm	0.0010 - 0.040 µm	
	2.0 - 10 µm	2.0 - 10 µm	
Specific Surface Area	1.0 m ² /g	1.0 m ² /g	
	1.0 m ² /g	1.0 m ² /g	
Molecular Weight	107.87 g/mol	107.87 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	961.78 °C	1763.2 °F	
Boiling Point	2162 °C	3924 °F	

Descriptive Properties	Value	Comments
Appearance	Silver	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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