

## American Elements Indium Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

### Material Notes:

**General Description**Indium (In) Nanoparticles, nanodots or nanopowder are spherical or faceted high surface area metal nanostructure particles. Nanoscale Indium 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 Indium Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Applications for Indium Nanocrystals include as a superconducting material, with carbon nanotubes and in further research for their potential electrical, magnetic, optical, biomedical and bioscience properties.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Indium-Nanoparticles.php](http://www.lookpolymers.com/polymer_American-Elements-Indium-Nanoparticles.php)

Physical Properties	Metric	English	Comments
Density	7.31 g/cc	0.264 lb/in <sup>3</sup>	
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	114.82 g/mol	114.82 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	156.6 °C	313.9 °F	
Boiling Point	2072 °C	3762 °F	

Descriptive Properties	Value	Comments
Appearance	Silvery	

## Contact Songhan Plastic Technology Co.,Ltd.

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