

## American Elements Cobalt Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

### Material Notes:

General Description Cobalt (Co) Nanoparticles, nanodots or nanopowder are spherical black high surface area particles. Nanoscale Cobalt Particles are typically 20-60 nanometers (nm) with specific surface area (SSA) in the 30 – 70 m<sup>2</sup>/g range. Nano Cobalt Particles are also available passivated and in Ultra high purity and high purity and coated and dispersed forms. Applications for Cobalt nanocrystals generally involve their magnetic properties and include in catalysts and magnetic recording and in medical sensors and bio medicine as a contrast enhancement agent for magnetic resonance imaging (MRI). Cobalt particles are being tested for site specific drug delivery agents for cancer therapies and in coatings, plastics, nanowire, nanofiber and textiles and in certain alloy and catalyst applications. Further research is being done for their potential electrical, dielectric, magnetic, optical, imaging, catalytic, biomedical and bioscience properties.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.060 µm	0.020 - 0.060 µm	
Specific Surface Area	30 - 70 m <sup>2</sup> /g	30 - 70 m <sup>2</sup> /g	
Molecular Weight	58.93 g/mol	58.93 g/mol	

Descriptive Properties	Value	Comments
Appearance	Black	

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