

## American Elements Tungsten Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

### Material Notes:

**General Description** Tungsten (W) Nanoparticles, nanodots or nanopowder are black spherical high surface area metal particles. Nanoscale Tungsten Particles are typically 40-80 nanometers (nm) with specific surface area (SSA) in the 1 – 5 m<sup>2</sup>/g range. Nano Tungsten Particles are also available passivated and in Ultra high purity and high purity and coated and dispersed forms. Applications for Tungsten Nanocrystals include and in coatings, plastics, nanowire, nanofiber and textiles and in certain alloy and catalyst applications. Coat tungsten particles with DNA and inject them into plant cells or plant embryos. Some genetic material will remain in the cells and transform them. This method allows transformation of plant plastids. The transformation efficiency is lower than in agro bacterial mediated transformation.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Particle Size	0.040 - 0.080 µm	0.040 - 0.080 µm	
Specific Surface Area	1.0 - 5.0 m <sup>2</sup> /g	1.0 - 5.0 m <sup>2</sup> /g	
Molecular Weight	183.85 g/mol	183.85 g/mol	

Descriptive Properties	Value	Comments
Appearance	Black	

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