

American Elements Palladium Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

Material Notes:

General Description Palladium (Pd) Nanoparticles, nanodots or nanopowder are black spherical high surface area metal particles.

Nanoscale Palladium Particles are typically 20 - 100 nanometers (nm) with specific surface area (SSA) in the 1 – 3 m²/g range. Nano

Palladium Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Applications for Palladium nanocrystals include numerous uses in catalysts (including catalytic converters), electrocatalysts, chemical synthesis and for their affinity for hydrogen, in a nucleation layer of palladium, ruthenium or rhenium nanoparticles in-between a copper pad surface to create an electrical connection that has superior diffusion barrier and adhesion properties and as a Magnetic Nanopowder, in environmental remediation to remove trichloroethene or TCE, from TCE contaminated ground water (also using gold palladium nanoparticles and on a catalytic membrane) in polymer membranes to create Active Polymer Membranes and in other coatings, plastics, nanofiber and textiles and in nanowire and other catalysis applications.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.10 µm	0.010 - 0.10 µm	
Specific Surface Area	1.0 - 3.0 m ² /g	1.0 - 3.0 m ² /g	
Molecular Weight	106.42 g/mol	106.42 g/mol	

Descriptive Properties	Value	Comments
Appearance	Black	

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