

American Elements Platinum Nanoparticles

Category : Metal , Nonferrous Metal , Pure Element

Material Notes:

General Description Platinum (Pt) Nanoparticles, nanodots or nanopowder are brown spherical high surface area metal particles. Nanoscale Platinum Particles are typically 20 - 100 nanometers (nm) with specific surface area (SSA) in the 1 – 3 m²/g range. Nano Platinum Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Applications for Platinum nanocrystals include numerous uses in catalysts (including catalytic converters), electrocatalysts, chemical synthesis (also in silver-platinum nanoparticles) and as a Magnetic Nanopowder (also in iron-platinum nanoparticles) and deposited on silica and carbon nanotubes, in polymer membranes to create Active Polymer Membranes for Proton Exchange Membrane (PEM) fuel cells 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-Platinum-Nanoparticles.php

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.10 µm	0.020 - 0.10 µm	
Specific Surface Area	1.0 - 3.0 m ² /g	1.0 - 3.0 m ² /g	
Molecular Weight	195.08 g/mol	195.08 g/mol	

Descriptive Properties	Value	Comments
Appearance	Brown	

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