

American Elements Titanium Nitride Nanoparticles

Category : Ceramic , Nitride

Material Notes:

General Description Titanium Nitride (TiN) Nanoparticles, nanodots or nanopowder are black spherical high surface area particles.

Nanoscale Titanium Nitride Particles are typically 10 - 100 nanometers (nm) with specific surface area (SSA) in the 10 – 75 m²/g range.

Nano Titanium Nitride Particles are also available in ultra high purity and high purity and coated and dispersed forms. Research into applications for Titanium Nitride nanocrystals include use in coatings and microcoatings in hard thin films, and to improve hardness in alloys, ceramics and for use in automotive, aerospace and industrial sectors, to improve reaction kinetics, as a binder in nanolayers, and in other coatings, plastics, and polymers.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.10 µm	0.010 - 0.10 µm	
Specific Surface Area	10 - 75 m ² /g	10 - 75 m ² /g	

Descriptive Properties	Value	Comments
Appearance	Black	

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