

American Elements Barium Titanate nanoparticles

Category: Ceramic

Material Notes:

General DescriptionBarium Titanate Nanoparticles, nanopowder, nanodots or nanocrystals are spherical or faceted high surface area nanocrystalline alloy particles with magnetic properties. Nanoscale Barium Titanate Particles are typically 20-40 nanometers (nm) with specific surface area (SSA) in the 30 – 50 m 2/g range and also available in with an average particle size of 100 nm range with a specific surface area of approximately 7 m 2/g. Nano Barium Titanate Particles are also available in ultra high purity and high purity and coated and dispersed forms. Applications for Barium Titanate Nanocrystals include for their dielectric properties and in the capacitors for microelectronics and future nano-electronics.

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http://www.lookpolymers.com/polymer_American-Elements-Barium-Titanate-nanoparticles.php

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.040 μm	0.020 - 0.040 μm	
	0.10 μm	0.10 μm	
Specific Surface Area	7.0 m²/g	7.0 m²/g	
	30 - 50 m²/g	30 - 50 m²/g	
Molecular Weight	233.21 g/mol	233.21 g/mol	

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