

American Elements Bismuth Oxide Nanopowder

Category : Ceramic , Oxide

Material Notes:

General Description Bismuth Oxide (BiO) Nanopowder or Nanoparticles, nanodots or nanocrystals are ferric and ferrous spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Bismuth Oxide Particles are typically 20-80 nanometers (nm) with specific surface area (SSA) in the 10 – 50 m²/g range and also available in with an average particle size of 100 nm range with a specific surface area of approximately 7- 10 m²/g. Nano Bismuth Oxide Particles are also available in ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Bismuth Oxide Nanocrystals include various electrochemical uses, such as in the electrolyte or cathode of solid oxide fuel cells (SOFC), in bio-medical and cancer imaging and for other photoconductive characteristics in thin films.

Order this product through the following link:

http://www.lookpolymers.com/polymer_American-Elements-Bismuth-Oxide-Nanopowder.php

Physical Properties	Metric	English	Comments
Particle Size	0.020 - 0.080 µm	0.020 - 0.080 µm	
	0.10 µm	0.10 µm	
Specific Surface Area	7.0 - 10 m ² /g	7.0 - 10 m ² /g	
	10 - 50 m ² /g	10 - 50 m ² /g	
Molecular Weight	465.96 g/mol	465.96 g/mol	

Descriptive Properties	Value	Comments
Appearance	Yellow Powder	

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