

American Elements Molybdenum Oxide Nanopowder

Category : Ceramic , Oxide

Material Notes:

General Description Molybdenum Oxide (MoO) Nanopowder or Nanoparticles, nanodots or nanocrystals are ferric and ferrous spherical or faceted high surface area oxide magnetic nanostructure particles. Nanoscale Molybdenum 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 Molybdenum Oxide Particles are also available in ultra high purity and high purity, transparent, and coated and dispersed forms. Applications for Molybdenum Oxide Nanocrystals include in electrochemical capacitors, and in coatings, plastics, nanowire, nanofiber and textiles and in certain alloy and catalyst applications. Further research is being done for their potential electrical, dielectric, magnetic, optical, imaging, biomedical and bioscience properties. Molybdenum Oxide Nano Particles are generally immediately available in most volumes.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	4.70 g/cc	0.170 lb/in ³	
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	143.94 g/mol	143.94 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	795 °C	1460 °F	
Boiling Point	1155 °C	2111 °F	

Descriptive Properties	Value	Comments
Appearance	Green Powder	

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