

American Elements Silicon Oxide Nanopowder

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

General Description Silicon Oxide (SiO₂) Nanopowder, Silica Nanoparticles or nanodots are high surface area particles. Nanoscale Silicon Oxide Nanoparticles or Silica Particles are typically 5 - 100 nanometers (nm) with specific surface area (SSA) in the 25 – 50 m²/g range. Nano Silicon Oxide Particles are also available in Ultra high purity and high purity and coated and dispersed forms. Research into applications for Silicon Oxide nanocrystals includes use as a dielectric coating, in solar cell applications, as a high temperature insulator, as a gas sensor and for use in other coatings, plastics, polymers and wire and further research for their potential electrical, optical, imaging, and other properties Silicon Oxide Nano Particles are generally immediately available in most volumes.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	2.533 g/cc	0.09151 lb/in ³	
Particle Size	0.0050 - 0.10 µm	0.0050 - 0.10 µm	
Specific Surface Area	25 - 50 m ² /g	25 - 50 m ² /g	
Molecular Weight	60.09 g/mol	60.09 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	1710 °C	3110 °F	
Boiling Point	2590 °C	4690 °F	

Descriptive Properties	Value	Comments
Appearance	White Powder	

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