

SILICON OXIDE NANOSPHERES



Purity
99.9%

SiO₂



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NS6130-03-391

SILICON OXIDE NANOSPHERES

Silicon nanospheres are in spherical shape and should be defect-free. The hardness of silicon nanospheres compound is four times greater than the bulk silicon.

QuickFACTS

Product	:	Silicon Oxide Nanospheres
Stock No	:	NS6130-03-391
CAS	:	7631-86-9
Color	:	White
Form	:	Powder
Symbol	:	SiO ₂



20ZICE4589C

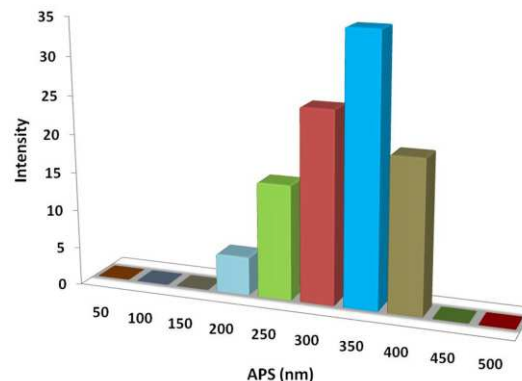


19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY



ADDITIONAL POWDER CHARACTERISTICS

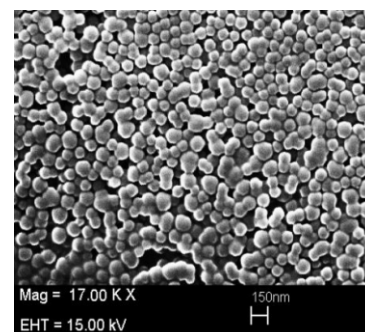
Stock No.	Purity	APS
NS6130-03-391	99.9%	500nm

TECHNICAL SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
SiO ₂	60.08 g/mol	2.4 g/cm ³	1600 °C

CHEMICAL COMPOSITION

Product	Weight Percent (nominal)	
	SiO ₂	Other Metal
Silicon Oxide Nanospheres	99.9%	1000ppm



APPLICATIONS

- > As an additive for rubber and plastics
- > As a strengthening filler for concrete and other construction composites
- > Non-toxic platform for biomedical applications such as drug delivery and theranostics
- > Agricultural implications

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