

Silicon Monoxide

Silicon Monoxide (SiO)

Evaporation and Coating Material

Buy any quantity for Research, and Development and/or Production.

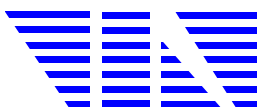
- Purity up to 99.99%
- Vacuum deposition grade
- Pieces, and powder form
- Analysis provided



	Material	Purity	Size	Form
1	Silicon Monoxide	99.99%	3-6mm	Pieces
2	Silicon Monoxide	99.9%	3-6mm	Pieces
3	Silicon Monoxide	99.9%	2-4mm	Pieces
4	Silicon Monoxide	99.9%	-10 mesh	Powder
Material Properties				
	Molecular weight	44.09		
	Density	2.13 gm/cm ³		
	Appearance	Brown in powder form Black in granular, and lump form		
	Crystal Structure	Amorphous		
	Melting Point	>1775°C		
	Evaporation Temperature	1100 to 1400°C		
	Transparent Region	0.45 to 7 microns		

Typical Analysis (ppm)					
Element	99.9% SiO	99.99% SiO	Element	99.9% SiO	99.99% SiO
Al	100-200	1-50	Mn	20-50	1-20
B	5-10	--			
Ca	10-100	1-50	Ni	20-50	--
Cu	20-50	--			
Fe	50-100	20-20	Ti	20-30	1-20
Mg	20-50	1-10			

Analysis may change from lot to lot.



VIN KAROLA INSTRUMENTS

P.O. Box 922273
 Norcross, GA 30010-2273
 Tel: 770/409-1499
 Fax: 770/447-8045
 e-mail: info@vinkarola.com