

# Strontium Oxide Powder



NS6130-12-000822

APS  
40-50 $\mu$ m



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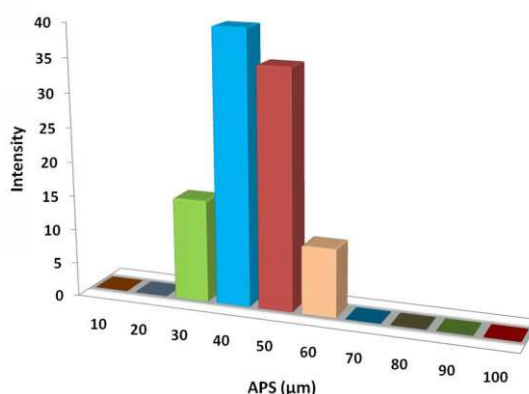
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# Strontium Oxide Powder

Strontium does not have many uses, but it does have a few. Its main use is to make a covering or better finish on clay poetry. This is one of the simplest uses of the compound, but there are other uses like electronic uses. As an oxide, Strontium Oxide is an aqueous solution, making it stable which is useful for clay pots and ceramic supplies. SrO materials with well-defined particle morphology with size shows an excellent optical, thermal, high oxidation resistance, high mechanical, electric, chemical inertness and magnetic properties. Due to its unique properties, it has received more attention both in basic and applied research for fabricating the devices. SrO have a hierarchical morphology which may help to design the devices for gas sensors, solar cells, doped semiconductors, dye-sensitized solar cells, transistors, electrodes for lithium ion batteries, catalyst supports and as well as super capacitors

## Quick Facts

Product	:	Strontium Oxide Powder
Stock No	:	NS6130-12-000822
CAS	:	1314-11-0
Purity	:	99%
Color	:	White/grey
Form	:	Powder



## Technical Specification

Formula	APS	Molecular Weight	Melting Point
SrO	40-50μm	103.62g/mol	2531 °C

## Chemical Composition

Product	Weight Percent (nominal)	
	SrO	Other Metal
Strontium Oxide Powder	99%	0.1%

## Applications

- Ceramics
- Lithium ion batteries
- Enamels

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911

ISO 9001:2015  
CERTIFIED COMPANY



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