

STRONTIUM TITANATE POWDER

Stock No: NS6130-05-593



Follow us:



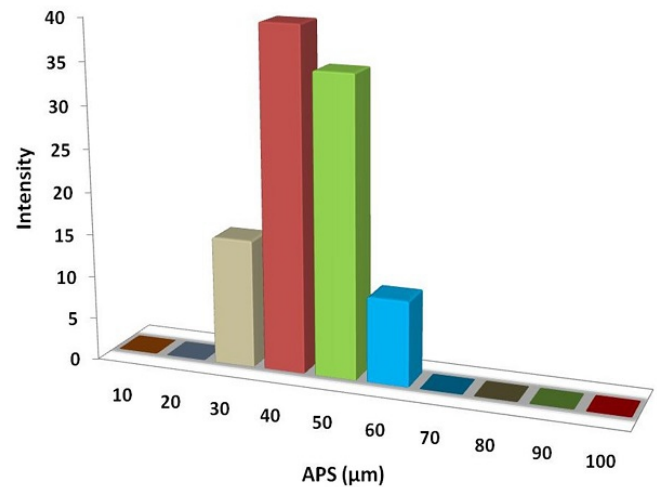
| www.nanoshel.com | sales@nanoshel.com

Strontium Titanate Powder

Strontium titanate is an oxide of strontium and titanium with the chemical formula SrTiO_3 . It is a centrosymmetric paraelectric material with a perovskite structure. At low temperatures it approaches a ferroelectric phase transition with a very large dielectric constant $\sim 10^4$ but remains paraelectric down to the lowest temperatures measured. Strontium Titanate is widely used as a basic dielectric materials in the capacitor, varistor, carbon power, PTC thermistor and other precision electronic ceramic components.

Quick Facts

Product	:	Strontium Titanate Powder
Color	:	White Powder
Stock No	:	NS6130-05-593
CAS	:	12060-59-2
Purity	:	99%
APS	:	40-50 μm
Other Metal	:	8500ppm



Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
SrTiO_3	183.49 g/mol	4.81 g/cm $_3$	2060°C

Applications

- As a diamond stimulant
- Precision optics
- Varistors
- Advanced ceramics

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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

