

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 : 99.9%
- ✓ APS : Powder
- ✓ Other Metal : 8500ppm



CE ISO 9001:2015
CERTIFIED COMPANY
ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

    /nanoshel

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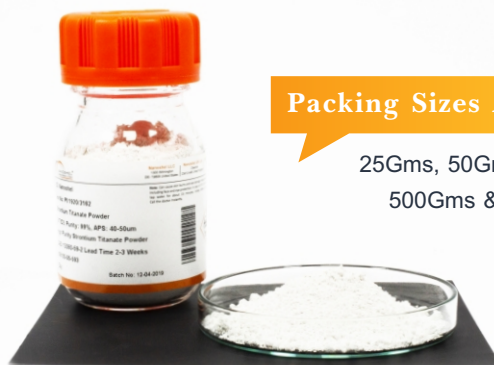
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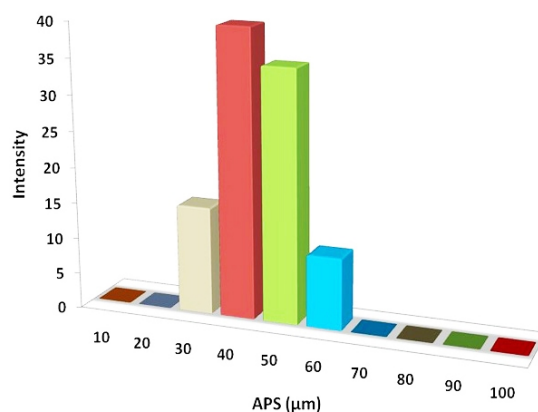
Applications

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



Packing Sizes Available

25Gms, 50Gms, 100Gms,
500Gms & Bulk Orders



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
SrTiO ₃	183.49 g/mol	4.81 g/cm ³	2060°C

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