

Barium

STRONTIUM TITANATE POWDER

Barium Strontium Titanate have been widely used to make capacitors; it can be produced by solid state reaction. Barium strontium titanate (BST) solid-solution oxides represent an important class of ferroelectric materials due to their high dielectric constants, composition dependent Curie temperature, and potential applications in dynamic random access memory (DRAM). barium strontium titanate ferroelectric materials have attracted considerable attentions due to their chemical stability, high permittivity, high tunability and low dielectric losses. BST has a variety of electronic applications in multilayer and voltage-tunable capacitors, dynamic random access memories (DRAM), microwave phase shifters, tunable filters, oscillators, uncooled infrared sensors, etc.

Quick FACTS

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|------------|------------------------------------|---------------|-----------|
| ✓ Product | : Barium Strontium Titanate Powder | ✓ Purity | : 99% |
| ✓ Color | : White/off-white Powder | ✓ APS | : 40-50µm |
| ✓ Stock No | : NS6130-05-600 | ✓ Other Metal | : 8500ppm |
| ✓ CAS | : 12430-73-8 | | |



ISO 9001:2015
CERTIFIED COMPANY

ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

[f](#) [@](#) [t](#) [in](#) /nanoshel

www.nanoshel.com | sales@nanoshel.com

Tel: +91 9779550077,9779238252

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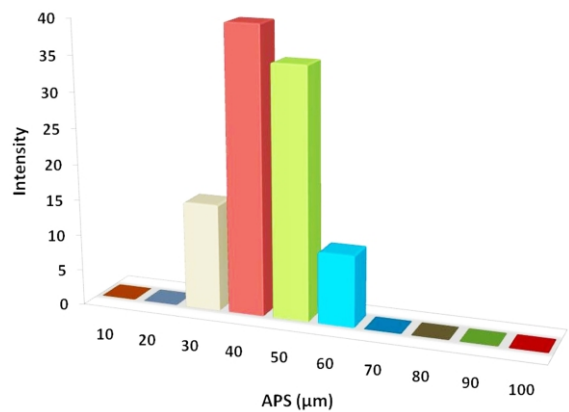
Applications

- ✓ Multilayer ceramic capacitors (MLCCs) and the dynamic random access memory (DRAM)
- ✓ Microwave phase shifters
- ✓ Tunable filters, oscillators
- ✓ Uncooled infrared sensors



Packing Sizes Available

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



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density
BaSrTiO ₃	336.81 g/mol	4.91 g/cm ³

INTELLIGENT MATERIALS PVT LTD

Derabassi-140507 Punjab-India
www.nanoshel.com | sales@nanoshel.com
+91 9779 550077, 9779238252
Company's GSTIN: 03AABCI9814Q1Z6

NANOSHEL UK LIMITED.

Chapel House
Chapel St Cheshire
CW12 4AB United Kingdom
+44(0)74105488, +442031375187

NANOSHEL LLC.

3422 old Capitol Suit
1305 Wilmington DE - 19808
United States
+1646 470 4911



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