

BARIUM STRONTIUM TITANATE POWDER

Stock No: NS6130-05-600



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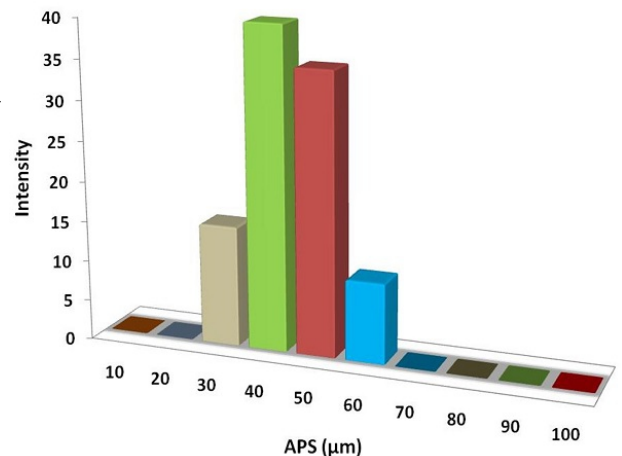
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Barium Strontium Titanate Powder

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

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



Technical Specification

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

Applications

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

ISO 9001:2015
CERTIFIED COMPANY



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