

Specification Sheet

Barium Titanate Powders

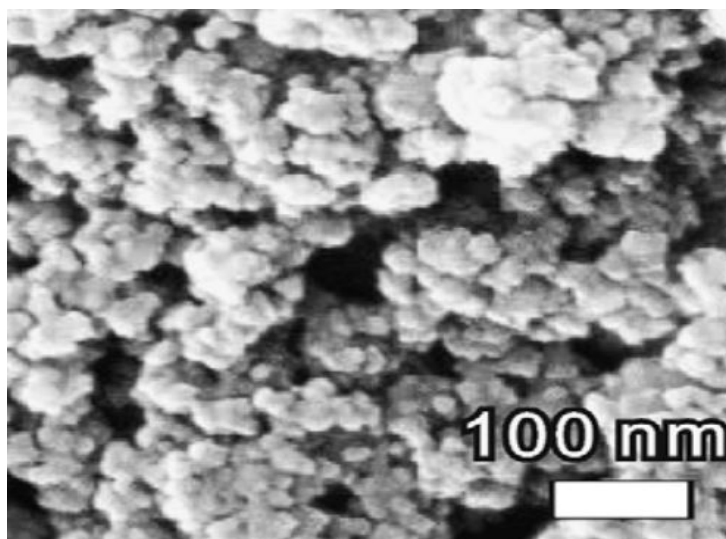
(BaTiO₃, Purity: 99.9%, APS: 200 nm, Tetragonal)

Stock No: NS6130-02-222, CAS: 12047-27-7

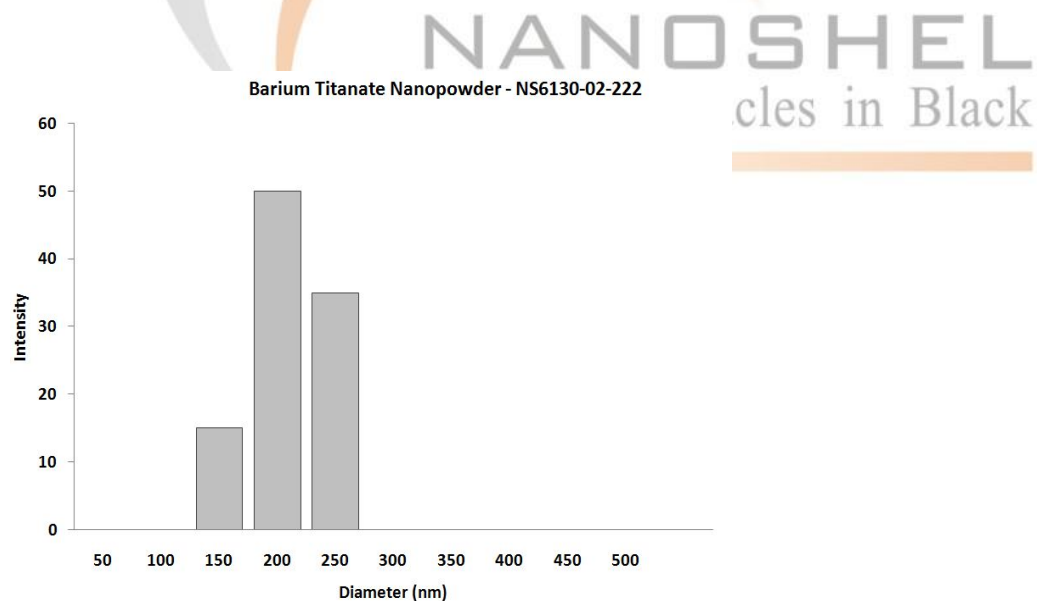
Product	:	Barium Titanate Powders
Stock No.	:	NS6130-02-222
CAS	:	12047-27-7
APS	:	200 nm
Purity	:	99.9 %
Molecular Formula	:	BaTiO ₃
Molecular Weight	:	233.192 g/mol
Form	:	Powder
Color	:	White to Off White
Density	:	5.8 g/cm ³
Melting Point	:	1625 °C
Dielectric Constant	:	6200 to 7000 (at curie Point)
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Barium Titanate Powders



SEM – BaTiO₃ Nanoparticles



Barium Titanate Powders – Size Analysis