

Specification Sheet

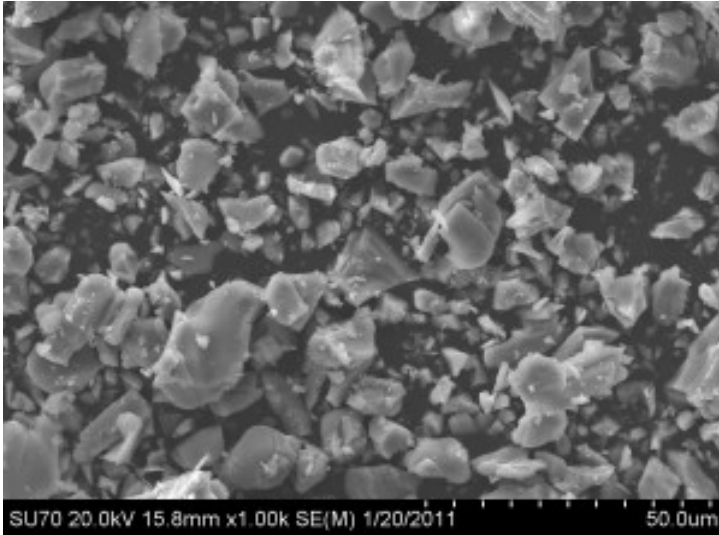
K₂O·8TiO₂, Purity: 99.99%, APS: 100nm

Stock No: NS6130-12-000084, CAS: 12030-97-6

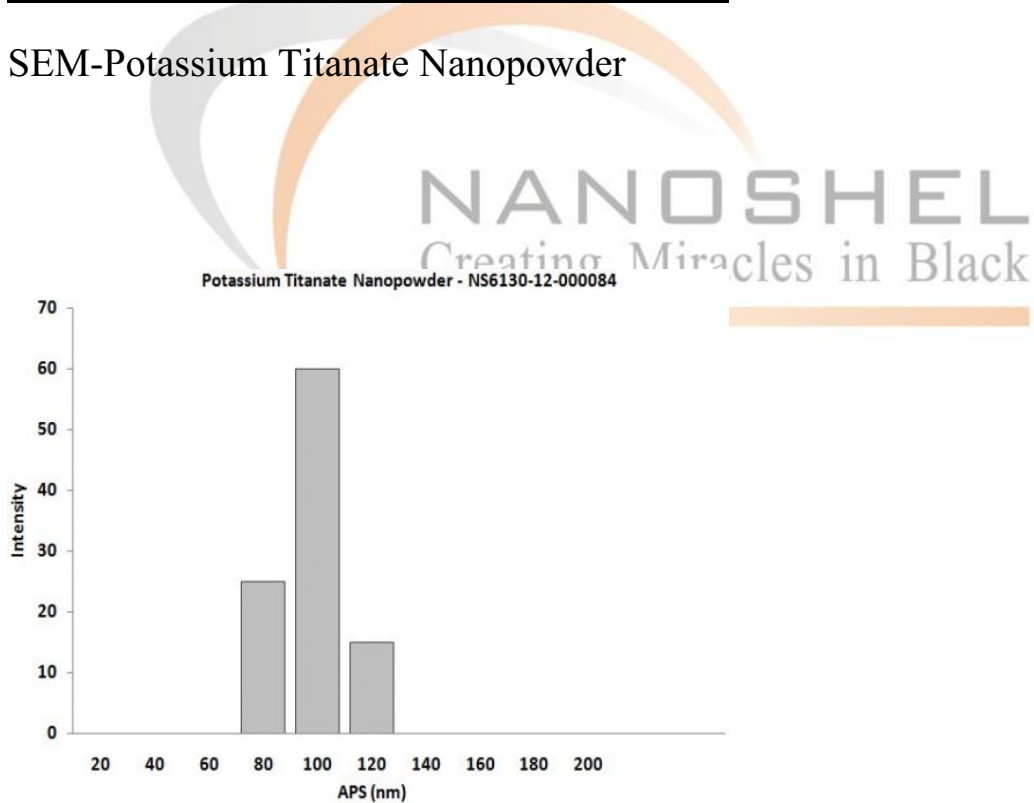
Product	:	Potassium Titanate Nanopowder
Stock No	:	NS6130-12-000084
CAS	:	12030-97-6
Purity	:	99.99%
APS	:	100nm
HS Code	:	28419000
Molecular Formula	:	K ₂ O·8TiO ₂
Appearance	:	White needlelike crystal
Melting Point	:	1,300~1,350 °C
pH	:	9~10
Specific gravity	:	3.3~3.4g/cm ³
Water content	:	< 0.7 %
Moh's hardness	:	4
Tensile strength	:	7 GPa
Tensile modulus	:	280 GPa
Electric resistance	:	3.3×10 ¹⁵ Ω·cm
Available Quantities	:	25Gms, 50Gms, 100Gms and larger quantities
Main Inspect Verifier	:	Manager QC

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

Characterization of $K_2O \cdot 8TiO_2$, Purity: 99.99%, APS: 100nm



SEM-Potassium Titanate Nanopowder



Particles Size of Analysis-Potassium Titanate Nanopowder