

ATO

# Antimony Tin Oxide Dispersion

**Antimony Tin Oxide powder** can be widely used in the industry of coating, chemical fiber and polymeric membrane as anti-static material. Antimony Tin Oxide Nanopowder used in Lighting and display devices. Due to conductive properties of antimony Tin Oxide powder at such small sized become unique, making it particularly valuable in certain specialized conductive applications. Antimony Tin oxide is utilized in LEDs, LCDs, other lights and display devices all can make use of this material in their construction. The conductive properties of antimony tin oxide at such small-sized become unique, making it usable in certain specialized conductive applications.

## Quick Facts

Purity	: 99.9 %
APS	: 20-80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
Form	: Slurry, Suspension, Dispersion, Colloidal

## Properties

- ✓ Excellent quality of electricity and optics anti fungal, anti fungicide
- ✓ Good conductivity
- ✓ Thermal insulation
- ✓ Self lubricant
- ✓ Catalysts

## Applications

- ✓ Industry for coating
- ✓ Optoelectronic display device
- ✓ Transparent electrode
- ✓ Solar battery
- ✓ Liquid crystal display
- ✓ Catalysis
- ✓ Coatings and materials, can greatly improve wear and scratch resistance.
- ✓ UV protection tool



Designed by : NANOSHEL LLC



ISO 9001:2015  
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