

# ATO

# Antimony Tin Oxide Dispersion

**Antimony Tin Oxide Dispersion** is used in the construction of LEDs, LCDs and other lights and display devices. Antimony Tin Oxide dispersion (ATO dispersion) is very useful for energy storage devices; also it serves as a UV-protector when they are applied as a transparent UV protection tool. ATO dispersion is used for transparent electrode and solar battery. Moreover it is used as shield heat when it is used in hot mirror, building or glass curtain wall.

## Quick Facts

Purity	: 99.9 %
APS	: 50-80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH <sub>2</sub> O)
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



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

Follow us:



**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911

