

Y/ZnO

NANO

Yttrium Doped Zinc

Oxide-Dispersion

ZnO has very unique properties which are promising candidate for highly efficient material, solar cells and many more. When ZnO is doped with yttrium it shows some unique properties and applications in UV lasers, UV light emitting diode, film transistors, optoacoustic devices, catalysts and so on.

Quick Facts

Purity	: 99.9 %
APS	: 3-6nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH ₂ O)
Form	: Slurry, Suspension, Dispersion, Colloidal

Properties

- ✓ Optical
- ✓ Antibacterial
- ✓ Excellent electrical
- ✓ Chemical activity
- ✓ Highly conducting

Applications

- ✓ Widely applied to produce semiconductors
- ✓ Optical devices
- ✓ Piezoelectric devices
- ✓ Surface acoustic wave devices
- ✓ Sensors,
- ✓ Transparent electrodes and solar cells



Designed by : NANOSHEL LLC



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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