

NANO **Z**inc Oxide Dispersion

ZnO

Zinc Oxide Dispersion can make coating with UV shielding to absorb infrared rays and sterilization Antifungal and improve paint with stain resistance, resistance to artificial aging, water-alkali resistance, abrasion resistance, hardness and adhesion, and other traditional mechanical properties.

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

- ✓ High chemical stability
- ✓ Antibacterial
- ✓ Photocatalytic and photo oxidizing
- ✓ Increases surface hardness,
- ✓ Improves UV light resistance and antiseptic effect
- ✓ UV filtering, and photovoltaic

Applications

- ✓ Pharmaceutical and biomedical
- ✓ Including sunscreens
- ✓ Biosensors, food additives
- ✓ Pigments
- ✓ Rubber manufacture
- ✓ Cancer cell imaging
- ✓ Agriculture industry
- ✓ Renewable energy, water treatment



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

