Cerium Oxide Nanoparticle Dispersion (CeO2) - has been considered as high gate oxide material because of its unique properties: moderate band gap, high dielectric constant, high refractive index and high dielectric strength.

Properties
- Good chemical stability
- Good electrical insulation
- Excellent corrosion resistance
- Low dielectric constant
- High surface area

Quick Facts
- **Purity**: 99.99%
- **APS**: 30nm
- **Concentration**: Customer requirement
- **Dispersing Agent**: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- **Form**: Slurry, Suspension, Dispersion, Colloidal

Applications
- Missions Catalysis
- Fuel Cell Electrolytes
- Polishing Of Optical Surfaces
- Planarization Of Semiconductors
- As A Substrate For Precious Metals Used In Oxidation Catalysis
- Catalysis For The Splitting Of Water For Hydrogen Production
- Radical Oxygen Scavenger In Biological Systems
- Crude oil refining
- Production of hydrogen
- Vehicle emission control

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

NANOSHELL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States
+1 646 470 4911

Follow us:
sales@nanoshel.com  contact@nanoshel.com
www.nanoshel.com