

## Cerium Oxide Nanoparticle Dispersion (CeO<sub>2</sub>)-

- has been most widely used as an active component in processes such as three-way catalysts for automobile exhaust-gas treatments, oxidative coupling of methane and water-gas shift reaction.

## Properties

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

## Quick Facts





Purity	: 99.99%
APS	: 30-50nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH <sub>2</sub> O)
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.

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# Cerium Nano Oxide DISPERSION



ISO 9001:2015  
CERTIFIED COMPANY



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