

Potential Applications of CeO₂ Nanopowders

Buffer layer for superconductors

Catalysts and catalyst support

Coatings for infrared filters

Coloring agents for plastics

Electrolyte and/or electrode materials for solid oxide fuel cells

Heat resistant alloy coatings

Infrared absorbents

Oxidation resistant coatings

Oxygen pumps

Oxygen sensors

Polishing media for electronic devices, glasses, and bearing balls

Sintering additives

Ultraviolet absorbent (absorption at ~ 400 nm is the strongest for any oxide)