



## Cerium Oxide for Polishing

Engineering Ceramic as a professional high quality Cerium Oxide for Polishing manufacturer, you can rest assured to buy Cerium Oxide for Polishing from our factory and we will offer you the best after-sale service and timely delivery.

## Product Description

Engineering Ceramic as the professional manufacturer, we would like to provide you high quality Cerium Oxide for Polishing. Engineering Ceramic Co., Ltd (Brand EC) has been become the Cerium Oxide Powder ( $\text{CeO}_2$ ) manufacturers and suppliers in China as most of our customer are use it for polishing application. China is the largest rare earth raw materials exporter in the worldwide, with the high quality control system and reasonable price, our Cerium Oxide Powder ( $\text{CeO}_2$ ) products were sold in worldwide markets.

Engineering Ceramic Co., Ltd (Brand EC) Cerium Oxide Powder ( $\text{CeO}_2$ ) is a full production line including from melting to grit process and final products, most processing is semi or full automatic, that's why we can supply a high quality and reasonable price products.

Engineering Ceramic Co., Ltd (Brand EC) Cerium Oxide ( $\text{CeO}_2$ ) polishing powder is made in China, it's also called Cerium Polishing Powder, or Rare Earth Polishing Powder, whom a well performance polishing suitable for various kinds of glass. It reacts with the surface to produce a complex Cerium-Oxygen-Silica compound softer than glass, so it's easily used to produce the final surface. Various grades Cerium Oxide Polishing Powder are widely applied in flat glass, CRT, LCD, TFT glass, mirrors, glasses, optical glass, lens, and many other industry.

Engineering Ceramic Co., Ltd (Brand EC) Cerium Oxide ( $\text{CeO}_2$ ) polishing powder for in glass polishing is an advantages for stronger cutting force, shorter polishing time, longer working life, and higher polishing accuracy.

The rare earth materials are widely using for electronics, metallurgy, machinery, energy, petrochemical, agriculture, environmental protection and other industries. We also offer high pure grade 99.999% for R&D applications.

Chemical formula: CeO<sub>2</sub>

Molar mass: 172.115 g/mol

Appearance: white or pale yellow solid, slightly hygroscopic

Density: 7.215 g/cm<sup>3</sup>

Melting point: 2,400 °C (4,350 °F; 2,670 K)

Boiling point: 3,500 °C (6,330 °F; 3,770 K)

Solubility in water: insoluble

Magnetic susceptibility ( $\chi$ ): +26.0·10<sup>-6</sup> cm<sup>3</sup>/mol

Crystal structure: cubic (fluorite)

Now our Chinese Cerium Oxide Powder (CeO<sub>2</sub>) factory has been the ISO9001 quality management system certification, ISO41001 environmental management system certification, and OHSAS18001 occupational health & safety management system certification.

Engineering Ceramic Co., Ltd's (Brand EC) Chinese factory founded on 2003, as the professional manufacturers and suppliers in China, we have rich experience for quality control, packing and delivery, every purchase order will have tolerance inspection report, our packing department can ensure the cargo under safety and faster shipment.