



# GUANGZHOU CHEMICALS

Ceramic Chemicals Dept.

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## Cerium Oxide

CAS No.	1306-38-3
Molecular Formula	CeO <sub>2</sub>
HS code	28461010

## Product Specification

Item	Index
TREO	99% min
CeO <sub>2</sub> /TREO	99.95% min
La <sub>2</sub> O <sub>3</sub> /TREO	0.02% max
Pr <sub>6</sub> O <sub>11</sub> /TREO	0.01% max
Nd <sub>2</sub> O <sub>3</sub> /TREO	0.01% max
Sm <sub>2</sub> O <sub>3</sub> /TREO	0.005% max
Y <sub>2</sub> O <sub>3</sub> /TREO	0.005% max
Fe <sub>2</sub> O <sub>3</sub>	0.01% max
CaO	0.01% max
SiO <sub>2</sub>	0.03% max

## Applications

- ▲ Improve the adhesion and hardness of glazes, thereby improving the durability and scratch resistance of ceramic products.
- ▲ As an additive improve transparency and glossiness of glaze.
- ▲ Make ceramic materials more dense and hard, thereby improving their impact resistance and wear resistance.
- ▲ Make ceramic materials have good oxidation resistance, making them suitable for use in high temperature environments.
- ▲ As a conductive additive to improve the conductivity of ceramic materials, making them suitable for electronic ceramics and electronic components.

## Package

- ▲ 50 kg woven bags
- ▲ 1000 kg big bag, 20mt/20'fcl

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