

# COBALT OXIDE NANOPOWDER

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99.9%  
Purity

20nm  
APS

$\text{Co}_3\text{O}_4$



f @ X in

**NS6130-03-308**

Cobalt(II,III) oxide is an inorganic compound with the formula  $\text{Co}_3\text{O}_4$ . Cobalt oxide ( $\text{Co}_3\text{O}_4$ ) nanoparticles and its composite-based nanoparticles are attracting more interest from researchers because of its unique mechanical, thermal, and magnetic properties. Cobalt(II,III) oxide is used as a blue coloring agent for pottery enamel and glass, as an alternative to cobalt(II) oxide. Cobalt(II,III) oxide is used as an electrode in some lithium-ion batteries, possibly in the form of cobalt oxide nanoparticles.

## QUICK FACTS

CAS : 1308-06-1  
Purity : 99.9%  
APS : 20nm  
Form : Powder

## TECHNICAL SPECIFICATION

Molecular Formula :  $\text{Co}_3\text{O}_4$   
Molecular Weight : 240.80 g/mol  
Density : 6.1 g/cm<sub>3</sub>  
Melting Point : 895°C

## APPLICATIONS

- Ceramics and Pigments
- Electrochemical Applications
- Catalysis
- Thermoelectric Materials
- Medical Imaging



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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