

# Nickel Zinc Iron Oxide

## Alloys Powder

An alloy is a mixture of chemical elements of which at least one is a metal. Unlike chemical compounds with metallic bases, an alloy will retain all the properties of a metal in the resulting material, such as electrical conductivity, ductility, opacity, and luster, but may have properties that differ from those of the pure metals, such as increased strength or hardness.

Nickel Zinc Iron Oxide Alloy Powder with nickel, zinc and iron oxide. Preparation of nickel cermet which is used as the anode layer of solid oxide fuel cells (SOFC). In lithium ion micro batteries as lithium nickel zinc iron cathode. In plastics, textiles, electro chromic coatings. In nanofiber, nanowire, alloys and catalyst application.

**Stock No:**  
**NS6130-12-001422**

**Formula**  
**Ni<sub>0.5</sub> Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub>**

**CAS** : 12645-50-0

**Form** : Powder

**Purity**  
**99.995%**

**APS:**  
**10-30μm**



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