

Nickel Carbonate

Nickel-bearing carbonate raw material for qualified nickel-salt, plating and ceramic processes.

CAS No. 3333-67-3	EC / List No. 222-068-2	Transport Class 9 — Environmentally hazardous
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Product Information

Nickel-bearing carbonate raw material for qualified nickel-salt, plating and ceramic processes.

Specifications

Parameter	Specification
Appearance	Light-green powder
Nickel content	≥45.0 %
Chloride	≤0.05 %
Copper	≤0.1 %
Iron, as Fe ₂ O ₃	≤0.1 %
Hydrochloric-acid insoluble matter	≤0.2 %
Sulfate	≤0.5 %
Water solubility	Insoluble

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	NiCO ₃ (carbonate component)
Molecular weight	118.70 g/mol (carbonate component)

Applications

Nickel-salt preparation: Nickel-bearing raw material for selected salt manufacture.

Plating-chemical manufacture: Nickel source for technically qualified plating-chemical production.

Ceramic and pigment development: Industrial nickel raw material for qualified ceramic or pigment processes.

Packaging / Storage

Item	Information
Packing	25 kg lined bags or drums
Storage	Store locked, tightly sealed and dry in a cool, ventilated area. Keep away from strong oxidizers and prevent contamination. Use secondary containment and restrict access to trained personnel.
Handling	Use enclosed transfer or effective local dust extraction. Avoid breathing dust and all unnecessary skin contact; wear suitable chemical-resistant gloves, goggles and protective clothing. Apply task-specific respiratory protection under a qualified exposure assessment.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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