

NS6130-12-001214

Quick Facts

Product	:	Cobalt Ferrite Powder
Stock No	:	NS6130-12-001214
CAS	:	12052-28-7
Molecular Formula	:	CoFe ₂ O ₄
Form	:	Powder
Color	:	Gray to Black

Technical Specification

Molecular Weight	Density	Melting Point	APS
239.23g/mol	5.3g/cm ³	>400°C	40-60µm

Cobalt ferrite nanoparticles have scientific and technological interest due to their magnetic properties, good chemical stability and low cost, combined with catalytic properties. Cobalt ferrite has been widely studied due to its high electromagnetic performance, excellent chemical stability, mechanical hardness, high coercivity, and moderate saturation magnetization, which make it a good candidate for the electronic components used in computers, recording devices, magnetic cards, aerospace engineering, nano-electronics, environmental remediation and medical healthcare.

Cobalt ferrite applications such as in high density magnetic storage, sensors, biomedical drug delivery, broadband transformers, computer circuitry, carrier telephony and highly efficient catalysts.

Applications:

- Automotive
- Aerospace
- Wind turbines
- Military
- White goods, industries of lighting
- Engines and generators

COBALT FERRITE

Powder

Purity
99.9%

CoFe₂O₄

APS 40-60µm

Speciality CHEMICALS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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