



Cobalt Zinc

FERRITE NANOPARTICLES

Magnetic nanoparticles (MNPs) show tremendous potential in several applications owing to their unique material properties. Physiochemical properties such as the high surface area to volume ratio and feasibility of surface functionalization have made MNPs particularly attractive for biomedical applications. The ability to precisely control the behavior of the material using an externally applied magnetic field has made MNPs a promising nanoagent in biosensors, magnetic separation, targeted drug delivery, MRI and magnetic hyperthermia.



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APPLICATIONS

- ✓ Biosensors
- ✓ Magnetic separation
- ✓ Targeted drug delivery
- ✓ MRI & magnetic hyperthermia

SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: $Zn_{0.5}Co_{0.5}Fe_2O_4$
- ✓ Color: Black
- ✓ Bulk Density: $\sim 0.40 \text{ g/cm}^3$

CATALOGUE NO.

• NS6130-02-236

All types of particles size are available in micro and nano range.



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