

BISMUTH Cobalt Zinc Oxide NANOPowder

99.9%

(Purity)



Bismuth, a brittle, silvery-white, less toxic metal placed after the transition elements in the periodic table. It has a low melting point and thermal conductivity. It gets easily oxidized in air. It is naturally available in the form of bismuth oxides and bismuth sulfides with outstanding electronic and optical properties. Owing to its excellent redox reactions, various bismuth compounds such as bismuth oxides, sulfides, selenides, and oxyhalides were investigated recently in the supercapacitor technologies. In recent days, various efforts have been taken by various researcher groups to develop bismuth-based composites with high SCP, excellent cyclic stability respectively. Very few researches constructed the supercapacitor devices in terms of household appliances.

Applications

- ✓ Pharmaceutical, cosmetic, and chemical products
- ✓ Medicines, especially for treating infection problems in the stomach (peptobismol) and eyes (eye drops). The active component in peptobismol is bismuth oxide salicylate.
- ✓ Cosmetics, as bismuth oxychloride to give a shine to lipsticks, nail varnishes, and hair lacquers.

Stock no:
NS6130-12-001588

Chemical Identifiers

Purity	:	99.9%
Chemical name	:	(Bi ₂ O ₃)(CoO)(ZnO)
APS	:	80-100nm
Density	:	5.6g/cm ³



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911