

BISMUTH COBALT ZINC OXIDE

Nanopowder

NS6130-12-001588

Quick Facts

Product	:	Bismuth Cobalt Zinc Oxide Nanopowder
Stock No	:	NS6130-12-001588
CAS	:	1853117-98-2
Molecular Formula	:	(Bi ₂ O ₃)(CoO)(ZnO)
Form	:	Powder

Technical Specification

Bi ₂ O ₃	CoO	ZnO	Purity
7%	3%	90%	99.9%

Bismuth cobalt zinc oxide (BCZO) is a mixed metal oxide with notable properties. It is used in solid oxide fuel cells (SOFCs) and gas sensors due to its ionic conductivity at lower temperatures. BCZO also serves as a catalyst or support in chemical reactions, has applications in electronics for stability, and in optics and photonics for its unique optical behavior.

Applications:

- Electrochemical Devices
- Catalysts
- Electronics
- Optical Applications
- Sensors



* This image is for graphic purposes only and does not represent the actual product.

