

Cobalt Oxide Technical Grade

CERAMICS

Molecular Formula: Co_3O_4

Synonyms: Cobalt Tetroxide , Cobaltosic Oxide, Tri Cobalt Tetroxide

CAS No: 1308.06-1

Chemical Data:

Parameter	Specification	Typical Value
Cobalt	71%	72.6%
Nickel	0.1%	0.05%
Copper	0.1%	0.03%
Sodium	0.35%	0.1%
Calcium	0.1%	0.04%
Magnesium	0.5%	0.25%
Zinc	0.05%	0.03%
Cadmium	0.05%	0.02%

Morphological Data:

Particle size d 50	7-9 u m
D 90	18-20 u m
Appearance	Black Powder
Bulk Density	7.31 gm/cm ³
Mol.Wt	240.797 g/mol

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SYN**

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