

Technical Data Sheet.

Product Name. : Cobalt Oxide.

Product Number. : P3403.

Chemical Name. : Cobalto-cobaltic oxide (major component)

Chemical formula. : Co_3O_4 (major component)

C.A.S. number. : 1308-06-1.

Technical Characteristics.

Appearance. : Black odourless powder.

Chemical Composition.

Co_3O_4 : 95%

CoO : 4%

NiO : 0.9%

Total Cobalt Content : 71-72%

Fineness.

% passing 125 μm : 99.5% (120 mesh sieve)

% passing 45 μm : 97.5% (350 mesh sieve)

The above information is based on typical analyses and such is not a specification for the product.

Applications.

The product is used within the ceramic industries in the production of cobalt containing ceramic pigments. It is also used to produce strong blue coloured glazes, particularly in stoneware glaze formulations.