



DATA SHEET

High Purity Black Nickel Oxide

Synonym : Nickel (II) Oxide; Nickel Monoxide
Formula : NiO

CAS no. : 1313-99-1

	Grade A	Grade F
Nickel range	76.4 – 77.6 %	76.4 – 77.6 %
Co	max. 0.0015 %	max. 0.0015 %
Cu	max. 0.001 %	max. 0.001 %
Fe	max. 0.015 %	max. 0.015 %
S	max. 0.001 %	max. 0.001 %

Grade A & Grade F

Si	< 0.005 %
Al	< 0.005 %
Ca	< 0.001 %
Mg	< 0.001 %
Na	< 0.001 %
K	< 0.001 %
Mn	< 0.001 %
Pb	< 0.001 %
Zn	< 0.001 %
P	< 0.0001 %
Se	< 0.0001 %
Bi	< 0.0001 %
Cd	< 0.0001 %
Hg	< 0.0001 %

Typical mean particle size (D50)

Typical Tap Density g/cc

Grade A: 6.0 – 8.0 microns

1.9 – 2.5

Grade F: 1 – 2 micron

1.5 – 2.0

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