

# CB MINERALS

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INDUSTRIAL MINERALS SINCE 1897

## IRON OXIDE, FERRITE TYPE

This is a synthetic Iron Oxide of high purity and small lot to lot variation. It has low Chloride and low Silicon content. This item is recommended for hard ferrite production when compounded with strontium carbonate and recommended for soft ferrite production when compounded with nickel-zinc.

### TYPICAL CHEMICAL ANALYSIS:

Fe <sub>2</sub> O <sub>3</sub>	99 - 99.3%
Cl	0.1 - 0.2
SiO <sub>2</sub>	0.015 - 0.025
Fe <sub>3</sub> O <sub>4</sub>	0.2 - 1.0
Other metal oxides	less than 0.03%
Moisture	0.2 - 0.5 %

### PHYSICAL SPECIFICATIONS:

Tapped Density	0.6 -0.8 gr/cc
Surface Area	3.0 -4.5 sq m/gr
Average Dispersed Particle Size	0.5 - 0.8 micron
Agglomerate Size	20. - 40. micron

### PACKAGING:

Super Sack on pallets

### PRODUCTION STANDARD:

ISO 9002

### ORIGIN:

USA