

# CB MINERALS

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INDUSTRIAL MINERALS SINCE 1897

## HIGH PURITY MANGANESE DIOXIDE

This is a purified form of MnO<sub>2</sub> for special application when chemical purity and limited contamination is of the utmost importance. Uses include Ferrites, Thermistors, Capacitors, Oxidizing agents and Glass.

### TYPICAL CHEMICAL ANALYSIS:

MnO <sub>2</sub>	99.0% Min.
Al	.007%
Ca	.002%
Cl	.01%
Cu	.001%
Fe	.020% Max.
Insolubles (in HCl)	.020%
Mg	.01%
Na	.01%
NO <sub>3</sub>	.05%
Si	.01%
SO <sub>4</sub>	.080%
Alkali & Alkaline	.02% as Sulfate

\*MnO<sub>2</sub> % Fe are the shipping Spec.

### TYPICAL PHYSICAL ANALYSIS:

Surface Area	0.05 m <sup>2</sup> /gr	+ 50 mesh	0%
Crystalline phase	Beta Type	50/100	20%
Free flowing	Yes	100/200	74%
Color	Gray – Black	-200	6%
Density	2.5 gr/cc tapped		

**PACKING:** 400 lb fiber drums. or 2000 lb super sack

**ORIGIN:** U.S.A