

CHARLES B. CHRYSAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

HIGH PURITY MANGANESE DIOXIDE

This is a purified form of MnO₂ 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 ₂	99.0% Min.
Al	.007%
Ca	.002%
Cl	.01%
Cu	.001%
Fe	.020% Max.
Insolubles (in HCl)	.020%
Mg	.01%
Na	.01%
NO ₃	.05%
Si	.01%
SO ₄	.080%
Alkali & Alkaline	.02% as Sulfate

*MnO₂ % Fe are the shipping Spec.

TYPICAL PHYSICAL ANALYSIS:

Surface Area	0.05 m ² /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