



TECHNICAL SPECIFICATION

MANGANESE OXIDE – FERTILIZER GRADE

Formula : MnO
Trade Name(s) : Manganous Oxide
Mangan Oxide
Oxide de Manganese

SPECIFICATIONS

No.	Characteristics	Specification
1.	Manganese (Mn)	52 +/- 2%
2.	Manganese Oxide as MnO	68 +/- 2%
3.	Iron (Fe)	10% Max
4.	Silica (SiO ₂)	12 % Max
5.	Alumina as Al ₂ O ₃	5% Max
6.	Manganese Dioxide as MnO ₂	2% Max
7.	Moisture	2% Max

PHYSICAL PROPERTIES

C.A.S Number	1344-43-0
Molecular Weight	70.94
Density	1.80 – 1.90 g/cm ³
Dioxin and Dioxin like PCBs	Nil
Appearance	Greenish brown, free flowing powder
Solubility	Water Insoluble / Acid Soluble
Particle Size	Min 75% passing 200 MESH
Organic Matter	Nil

Packing:

25 Kgs HDPE Bags; Inside-laminated; Machine stitched

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