

TDS: MANGANOUS OXIDE (MNO) – WELDING GRADE


Applications:

Manganous Oxide of welding grade has tremendous utilization in poultry / cattle / farm weldings / welding and pharmaceuticals.

Product Features:

- True to their compositions
 - Sustains stability
- Free from all extraneous materials, toxins & dioxins
 - Preserves purity

Specifications:

CHEMICAL DETAILS			
ASPECTS	FACTS		
General Product Name	Manganous Oxide (MnO)		
Synonyms/Other Names	Manganese Oxide, Mangan oxide		
HS Code	2820.90.00		
CAS Number	1344-43-0		
Form	Solid / Powder		
			
PHYSICAL DETAILS			
ASPECTS	FACTS		TEST METHODS
Appearance	Greenish Brown, Free Flowing Powder		Visual
Molecular Weight	70.94		
Solubility	Water Insoluble/Acid Soluble		
Particle Size	100/200/300 mesh		
ELEMENTS	PARAMETERS		TEST METHODS
	MIN	MAX	Potentiometric titration-Volhards
Manganese as Mn	60%		IS - 1473 - 1969
Iron as FeO		5%	IS - 1473 - 1969
Silica as SiO ₂		4%	IS - 1473 - 1969
H ₂ O 105 Deg C		0.5%	IS - 1473 - 1969
Manganese Dioxide as MnO ₂		15%	
CO ₂		0.20%	
Phosphorous P		0.15%	
C Free		0.1%	
Sulphur S		0.03%	
Moisture (H ₂ O 105-1000 'C'		0.8%	

NOTE: We also manufacture as per customer specification.

Disclaimer:

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