

IRON OXIDE



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Product Appearance

Red powder



Technical Specifications

Physical Properties

Component	Unit	Amount
Moisture Content @ 105°C	%	0.71

Chemical Properties (On Dry Basis)

Component	Unit	Amount
Silicon Oxide	%	1.20
Iron Oxide	%	98.0
Aluminum Oxide	%	0.20
Manganese Oxide	%	0.14
Copper Oxide	%	0.01
Zinc Oxide	%	0.01
Chloride	%	LT 0.01
Sulphur Trioxide	%	LT 0.01
Sodium Oxide	%	0.03
Potassium Oxide	%	LT 0.01
Calcium Oxide	%	LT 0.01
Magnesium Oxide	%	LT 0.01
Chromium Oxide	%	LT 0.03
Lead Oxide	%	LT 0.01

LT = Less than the detection limit

Packaging

Jumbo Bag

1 MT

(1,000 kg)





Technical Data Sheet
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IRON OXIDE

Technical Data Sheet

IRON OXIDE

TECHNICAL SPECIFICATION

Physical Properties:			
1	Moisture Content @ 105°C	%	0.71

Chemical Properties (On Dry Basis):			
1	Silicon Oxide (SiO ₂)	%	1.20
2	Iron Oxide (Fe ₂ O ₃)	%	98.0
3	Aluminum Oxide (Al ₂ O ₃)	%	0.20
4	Manganese Oxide (MnO)	%	0.14
5	Copper Oxide (CuO)	%	0.01
6	Zinc Oxide (ZnO)	%	0.01
7	Chloride (Cl)	%	LT 0.01
8	Sulphur Trioxide (SO ₃)	%	LT 0.01
9	Sodium Oxide (SO ₃)	%	0.03
10	Potassium Oxide	%	LT 0.01
11	Calcium Oxide (CaO)	%	LT 0.01
12	Magnesium Oxide (MgO)	%	LT 0.01
13	Chromium Oxide (Cr ₂ O ₃)	%	LT 0.03
14	Lead Oxide (PbO)	%	LT 0.01

LT = Less than the detection limit

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the use of our products.

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