

1. PRODUCT SPECIFICATION (IRON ORE HEMATITE)

ELEMENT	ANALYSIS BASIS	TYPICAL	MINIMUM	MAXIMUM
IRON (Fe)	Dry Basis	63%	62	64
IRON Fe ₂ O ₃	Dry Basis	80%	75	95
MANGANESE (Mn)	Dry Basis	0.20%	0.13	0.55
SULPHUR (S)	Dry Basis	0.08%	0.01	0.12
Manganese Oxide (MnO)	Dry Basis	0.2%	0.17	0.65
SILICON (SiO ₂)	Dry Basis	3%	1.0	3.0
CHROMIUM (Cr ₂ O ₃)	Dry Basis	0.01%	<0.01	
ALUMINIUM (Al ₂ O ₃)	Dry Basis	1.5%	0.5	2.5
CALCIUM (CaO)	Dry Basis	0.2%	<0.1	0.3
MAGNESIUM (MgO)	Dry Basis	0.1%	<0.1	<0.1
Phosphorus (P)	Dry Basis	0.05	0.03	0.10
MOISTURE		3.1%		5
Sizing	10 – 55mm	90%		
Rejection Fe	Dry basis	<62%		