

Magnetite Concentrate

Minus 20 Mesh

Approximate Analysis

		<u>Dry Basis</u>
Fe	-----	53 – 57%
P ₂ O ₅	-----	0.02 – 0.06%
SiO ₂	-----	3.0 – 6.0%
MnO	-----	0.1 – 0.3%
Al ₂ O ₃	-----	4.0 – 8.0%
CaO	-----	0.3 – 1.5%
MgO	-----	1.0 – 2.5%
S	-----	0.1 – 0.3%
Cr ₂ O ₃	-----	0.1 – 0.3%
V ₂ O ₅	-----	0.5 – 0.8%
TiO ₂	-----	9 – 12%
Average Moisture Range	-----	3 – 8%
Specific Gravity	-----	4.5%
Approximate Bulking Factor	-----	175-180 lbs/ Per cu. ft.
Ground to	-----	-20 Mesh
Screen Analysis	+20	5 – 10%
Tyler Mesh	+28	11 – 16%
	+35	15 – 19%
	+48	14 – 18%
	+65	12 – 16%
	+100	9 – 11%
	+150	6 – 9%
	+200	4 – 6%
	-200	10 – 16%