

**PRODUCT SPECIFICATION SHEET****MAGNETITE Concentrate****Typical Mineralogical Analysis**

Magnetite	≥ 80% min
Hematite	≤ 13% min
Ilmenite	≤ 10% min
Quartz	≤ 2% min

**Typical Chemical Analysis**

Fe(t) as Fe <sub>2</sub> O <sub>3</sub>	80 – 85%
TiO <sub>2</sub>	8 – 15%
SiO <sub>2</sub>	1 – 2%
Al <sub>2</sub> O <sub>3</sub>	1 – 2%
Others	≤ 3%

**Typical Size Distribution**

Microns	Retained WT%	Cumulative WT%
300	7.3	7.3
250	25.6	32.9
212	14.5	47.4
180	17.7	65.1
150	24.8	89.9
125	7.3	97.2
75	2.8	100.0
-75	0.0	-
<b>Total</b>	100	

Magnetite concentrates are naturally occurring products and are subject to size variations.

The Typical size distribution is expected to be as shown in the above table but not guaranteed.

**Physical Data**

Specific Gravity	4.5 – 5.0
Bulk Density	2.9 (t/m <sup>3</sup> )