

**PRODUCT SPECIFICATION SHEET****High Grade ILMENITE Concentrate****Typical Mineralogical Analysis**

Ilmenite	85 – 90%
Garnet	8 – 12%
Zircon	1 – 2%
Rutile	0 – 1%
Other Mineral	0 – 1%

Typical Chemical Analysis

TiO ₂	40 – 42%
Fe(t) as Fe ₂ O ₃	48 – 52%
ZrO ₂	1.0%
Al ₂ O ₃	2.5%
Cr ₂ O ₃	0.15%
P ₂ O ₅	0.20%
V ₂ O ₅	0.24%
MnO	1.1%
MgO	1.0%
SiO ₂	5.0%
Nb ₂ O ₅	0.05%
S	<0.01%
CaO	<0.5%
U + Th	340ppm
CeO ₂	0.12%

Typical Size Distribution

Microns	Retained WT%	Cumulative WT%
300	2.3	2.3
250	6.6	8.9
212	12.5	21.4
180	28.6	50.1
150	31.4	81.5
125	10.2	91.7
75	8.2	99.9
-75	0.1	100
Total	100	

Ilmenite 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 is not guaranteed.

Physical Data

Specific Gravity	4.0 – 4.2
Bulk Density	2.5 (t/m ³)