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 PRODUCT SPECIFICATION SHEET

ILMENITE CONCENTRATE

Typical Mineralogical Analysis	
Ilmenite	70 – 82%
Garnet	12 – 20%
Zircon	0 – 4 %
Rutile	0 – 1%
Other Mineral	0 – 3%

Typical Chemical Analysis	
TiO ₂	30 – 39%
Fe(t) as Fe ₂ O ₃	48.3%
ZrO ₂	0 – 4%
Al ₂ O ₃	3.0%
Cr ₂ O ₃	0.15%
P ₂ O ₅	0.2%
V ₂ O ₅	0.23%
MnO	1.1%
MgO	1.2%
SiO ₂	7.3%
Nb ₂ O ₅	0.05%
S	<0.01%
CaO	0.6%
U + Th	340ppm
CeO ₂	0.14%

Typical Size Distribution		
Microns	Retained WT%	Cumulative WT%
300	1.2	1.2
250	2.4	3.6
212	6.3	9.9
180	17.9	27.8
150	45.1	72.9
125	23.5	96.4
75	3.6	100.0
-75	0.0	-
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)