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GRADE - TIS ILMENITE

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Typical Chemical Analysis

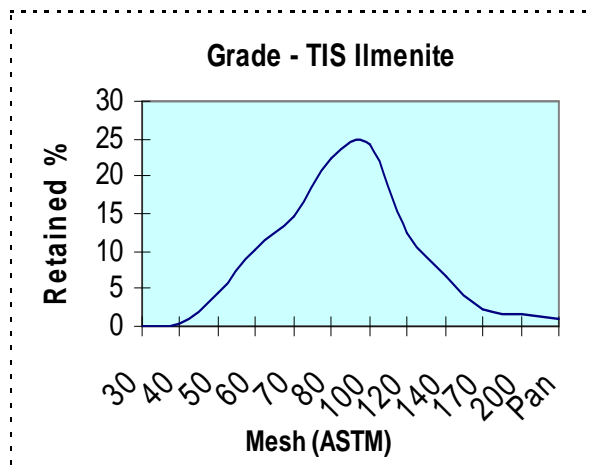
Elements	Guaranteed (%)	Typical (%)
TiO ₂	51 ~ 52.5	51.50
Fe ₂ O ₃	11 ~ 14	12.67
FeO	31 ~ 35	32.89
Al ₂ O ₃	0.70 Max	0.520
SiO ₂	1.20 Max	1.080
P ₂ O ₅	0.03 Max	0.013
V ₂ O ₅	0.25 Max	0.190
Cr ₂ O ₃	0.06 Max	0.051
U (ppm)	10 Max	6
Th (ppm)	20 Max	11

Mineralogical report

Minerals	Guaranteed (%)	Typical (%)
Ilmenite	99.00 Min	99.40
Garnet	00.80 Max	00.50
Others	00.20 Max	00.10

Particle Size Analysis report

Mesh	MM	Guaranteed (%)	Typical (%)
30	0.600	< 1	0.0
40	0.425	0 ~ 3	0.16
50	0.300	1 ~ 7	4.46
60	0.250	3 ~ 20	10.12
70	0.212	5 ~ 25	14.82
80	0.180	10 ~ 30	22.42
100	0.150	15 ~ 35	24.36
120	0.125	5 ~ 25	12.46
140	0.106	3 ~ 20	6.74
170	0.090	1 ~ 10	2.08
200	0.075	0 ~ 8	1.50
Pan		< 5	0.88



* Ilmenite being a natural product, its analysis is expected to vary periodically and between deposits