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GRADE - TVV ILMENITE

Typical Chemical Analysis

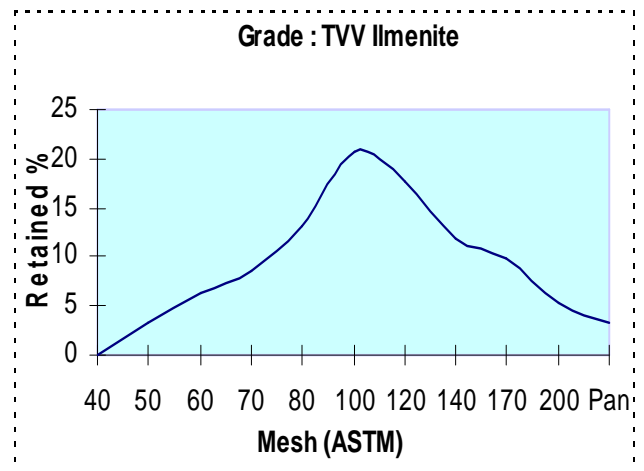
Elements	Guaranteed (%)	Typical (%)
TiO ₂	48 ~ 50	48.60
Fe ₂ O ₃	13 ~ 16	13.96
FeO	32 ~ 36	34.02
Al ₂ O ₃	1.00 Max	0.480
SiO ₂	2.00 Max	1.200
P ₂ O ₅	0.025 Max	0.014
V ₂ O ₅	0.300 Max	0.220
Cr ₂ O ₃	0.060 Max	0.051
U (ppm)	15 Max	6
Th (ppm)	20 Max	14

Mineralogical report

Minerals	Guaranteed (%)	Typical (%)
Ilmenite	98.00 Min	98.70
Garnet	01.80 Max	01.20
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	0.10
50	0.300	1 ~ 8	3.46
60	0.250	2 ~ 15	6.80
70	0.212	5 ~ 20	8.26
80	0.180	10 ~ 25	13.30
100	0.150	10 ~ 30	20.84
120	0.125	10 ~ 30	17.56
140	0.106	5 ~ 20	11.68
170	0.090	3 ~ 15	9.64
200	0.075	3 ~ 10	5.16
Pan		< 7	3.20



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