



# V.V. MINERAL

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## GRADE - TVP ILMENITE

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### Typical Chemical Analysis

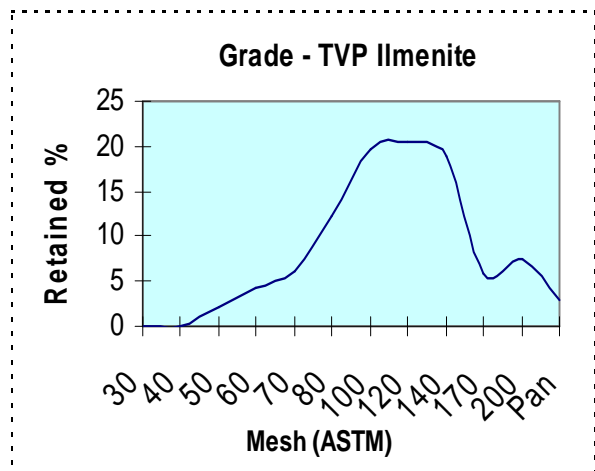
Elements	Guaranteed (%)	Typical (%)
TiO <sub>2</sub>	45 ~ 47	46.12
Fe <sub>2</sub> O <sub>3</sub>	14 ~ 18	15.78
FeO	33 ~ 37	34.39
Al <sub>2</sub> O <sub>3</sub>	0.60 Max	0.370
SiO <sub>2</sub>	1.20 Max	1.080
P <sub>2</sub> O <sub>5</sub>	0.025 Max	0.011
V <sub>2</sub> O <sub>5</sub>	0.300 Max	0.250
Cr <sub>2</sub> O <sub>3</sub>	0.070 Max	0.054
U ( ppm )	15 Max	6
Th ( ppm )	20 Max	9

### 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	Nil	0.0
40	0.425	< 1	0.12
50	0.300	0 ~ 5	2.08
60	0.250	1 ~ 8	4.32
70	0.212	2 ~ 15	6.18
80	0.180	5 ~ 20	12.32
100	0.150	10 ~ 30	19.80
120	0.125	10 ~ 35	20.44
140	0.106	5 ~ 25	18.80
170	0.090	5 ~ 20	5.80
200	0.075	2 ~ 15	7.32
Pan		< 8	2.82



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