



# V.V. MINERAL

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## PREMIUM GRADE ZIRCON SAND

Version : V 3.0

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### Typical Chemical Analysis

Elements	Guaranteed	Typical
ZrO <sub>2</sub> + HfO <sub>2</sub>	66 % Min	66.7%
TiO <sub>2</sub>	0.15 % Max	0.12 %
Fe <sub>2</sub> O <sub>3</sub>	0.1% Max	0.06%
U (ppm)	350 Max	305 ppm
Th (ppm)	200 Max	174 ppm
Al <sub>2</sub> O <sub>3</sub>	1% Max	0.57%
P <sub>2</sub> O <sub>5</sub>	0.1% Max	0.06%

### Typical Sieve Analysis

Mesh	MM	Retained % Range
30	0.600	Nil
40	0.425	< 1%
50	0.300	1 ~ 5%
60	0.250	4 ~ 7%
70	0.212	10 ~ 20%
80	0.180	10 ~ 20%
100	0.150	25 ~ 40%
120	0.125	25 ~ 35%
140	0.106	2-8%
-140	- 0.106	< 3%

### Typical Mineralogy

Mineral	Typical
Zircon	99.3%
Rutile	0.25%
Sillimanite	0.25%
Free Quartz	0.2%

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