



Particle Size Analysis			
Mesh	MM	Guaranteed (%)	Retained (%)
30	0.600	< 2	0.28
40	0.425	0 ~ 5	2.40
50	0.300	10 ~ 20	13.26
60	0.250	5 ~ 15	7.24
80	0.180	10 ~ 20	13.12
100	0.150	10 ~ 20	13.72
120	0.125	10 ~ 25	14.56
140	0.106	10 ~ 20	11.08
170	0.090	5 ~ 15	10.62
200	0.075	5 ~ 12	8.74
230	0.063	0 ~ 7	3.12
Pan		< 5	1.86

Chemical Content		
Elements	Guaranteed (%)	Typical (%)
TiO ₂	20 ~ 27	23.035
ZrO ₂ + HfO ₂	20 ~ 27	23.429
SiO ₂	30 ~ 40	36.059
Al ₂ O ₃	10 ~ 15	11.304
Fe ₂ O ₃	0.0 ~ 5	3.703
CeO ₂	0.10 ~ 0.3	0.253
P ₂ O ₅	0.00 ~ 10	0.800
REO	0.10 ~ 0.75	0.584
U(ppm)	500 ~ 800	710
Th (ppm)	500 ~ 900	750

Mineralogical Report		
Minerals	Guaranteed (%)	Typical (%)
Zircon	30 ~ 40	34.91
Rutile	10 ~ 20	15.13
Leucoxene	10 ~ 18	14.94
Sillimanite	5 ~ 12	9.92
Monazite	0.5 ~ 1.2	0.84
Quartz	12 ~ 22	17.99
Garnet	0 ~ 5	3.72
Ilmenite	0 ~ 5	2.55

