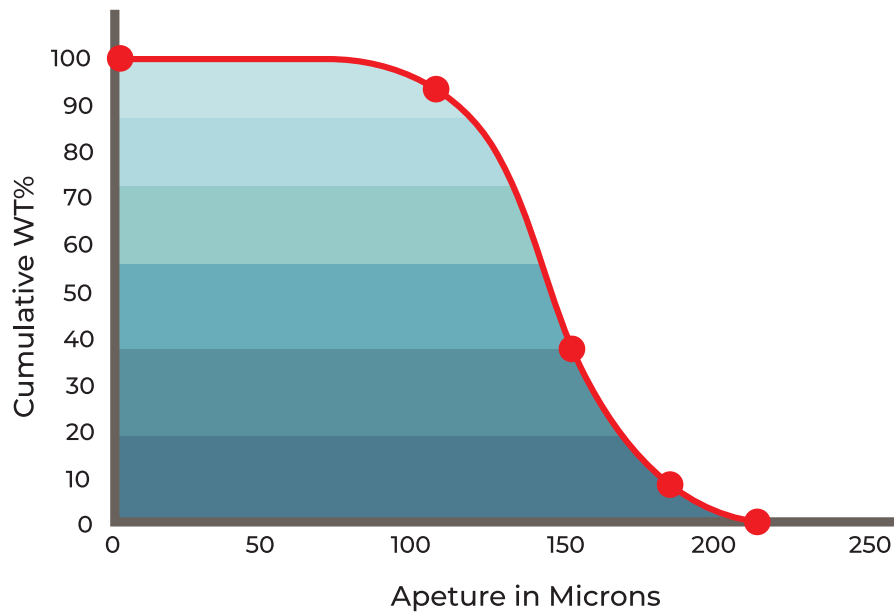


# SAND



Typical Chemical Analysis	
Zro2(Includes HFO2)	66.10% ± 0.8
Total Iron as Fe2o2	0.07% ± 0.03
Tio2	0.15% ± 0.03
Sio2 (Total)	32.70% ± 0.40
Al2o3	0.60% ± 0.25
P	0.05% ± 0.01
U	220 - 260 ppm
Th	140 - 220 ppm
U + Th	360 - 480 ppm
Free Silica As Quartz	< 0.05%

Physical Data	
Specific Gravity	4.5 - 4.7
Bulk Density	2.8 kg/ltr
Angle Of Repose	28 - 32 deg
Specific activity (Calculated) U + Th	3.75 Bq/g
Hardness (Moh's) *	7.5
A.F.S. No	91



Properties			
Sizing Microns	Mesh BSS	Retained WT %	Cumulative WT %
+212	+72	0.5	0.5
+180	+85	6.9	7.3
+150	+100	28.6	36.0
+106	+150	59.0	94.9
-106	-150	5.1	100.0