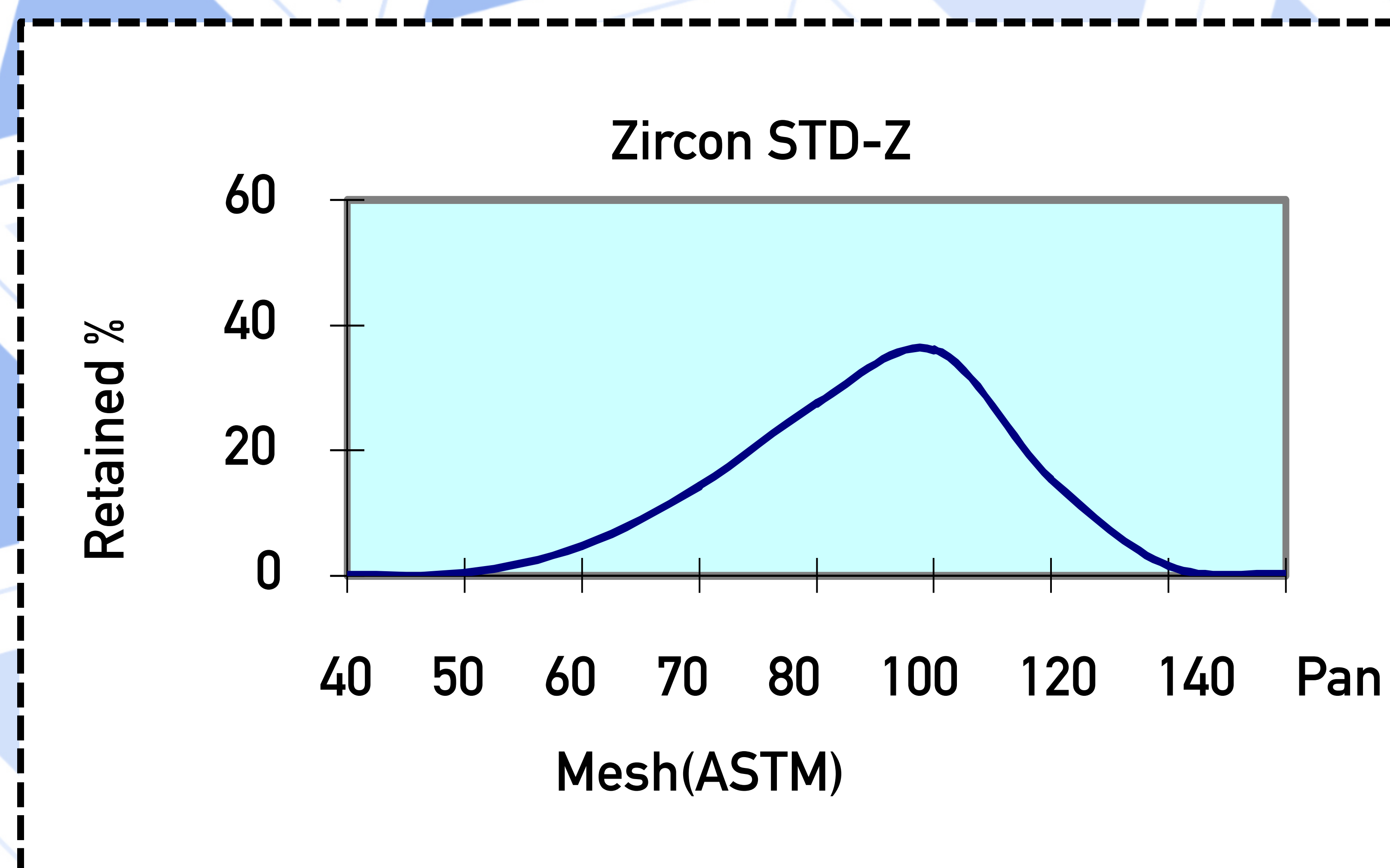


# ZIRCON

## TYPE STD-Z

### SPECIFICATION

Particle Size Analysis			
Mesh	MM	Guaranteed (%)	Typical (%)
40	0.425	< 0.50	0.02
50	0.300	0 ~ 3	0.36
60	0.250	1 ~ 10	4.72
70	0.212	5 ~ 25	14.30
80	0.180	15 ~ 40	27.54
100	0.150	25 ~ 50	36.02
120	0.125	5 ~ 25	15.38
140	0.106	0 ~ 5	1.48
Pan		< 0.50	0.18



Mineralogical Report		
Minerals	Guaranteed (%)	Typical (%)
Zircon	96.00 Min	97.38
Rutile	00.80 Max	00.49
Sillimanite	02.50 Max	01.88
Others	00.50 Ma	00.25

Chemical Content		
Elements	Guaranteed (%)	Typical (%)
ZrO 2 +HfO 2	65.00 Min	65.36
SiO 2	32.70 Max	32.14
Al 2O3	01.50 Max	1.350
Fe 2O3	00.25 Max	0.110
TiO 2	00.50 Max	0.480
V2O5	00.02 Max	0.003
P2O5	00.10 Max	0.072
U(ppm)	200 Max	164
Th (ppm)	300 Max	240

