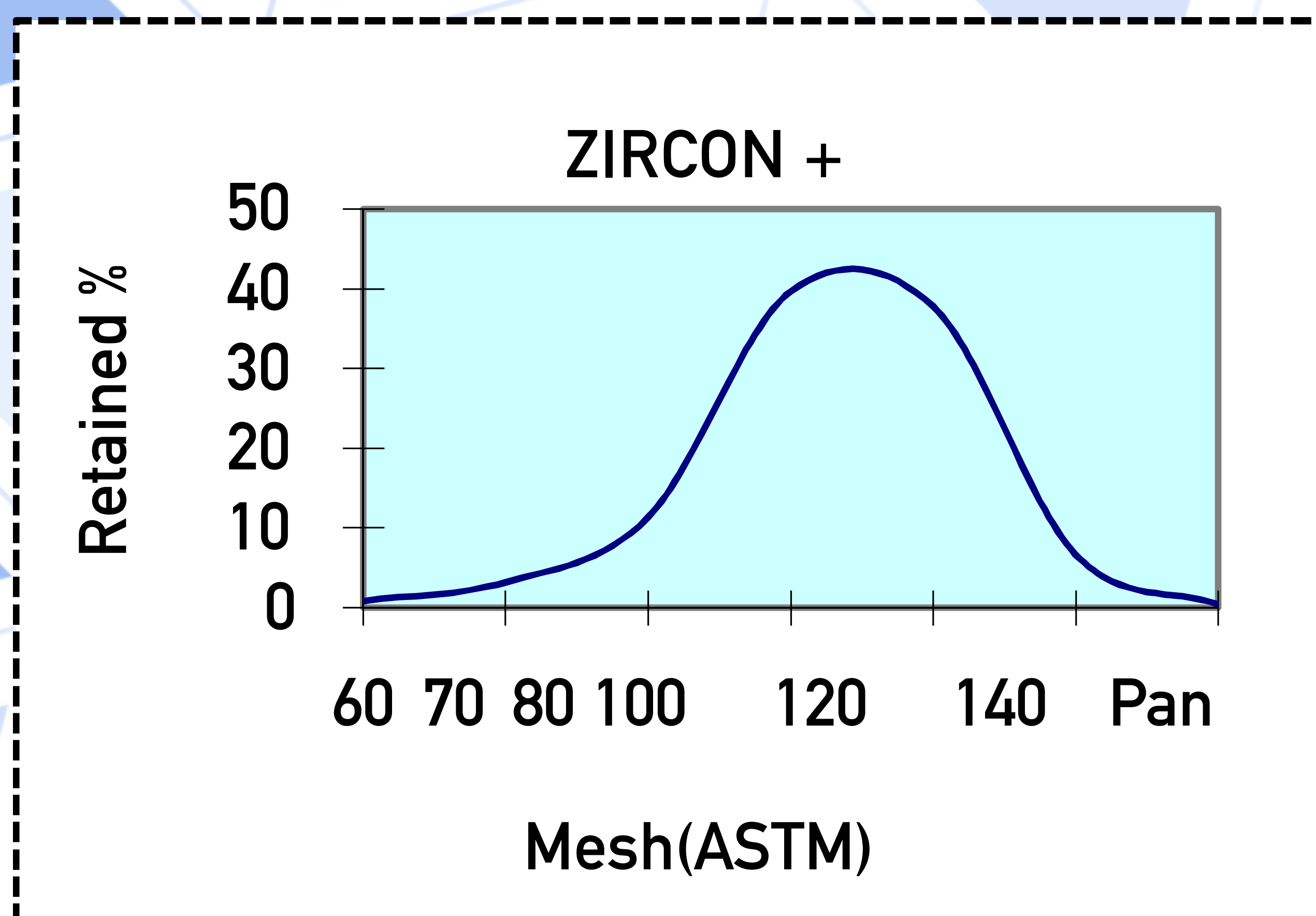


# ZIRCON +

## TYPE PRIME-Z SPECIFICATION

Particle Size Analysis			
Mesh	MM	Guaranteed (%)	Typical (%)
50	0.300	0 ~ 1	0.00
60	0.250	0 ~ 3	0.90
70	0.212	1 ~ 10	3.24
80	0.180	5 ~ 20	11.38
100	0.150	25 ~ 50	39.60
120	0.125	25 ~ 50	37.72
140	0.106	2 ~ 15	6.70
Pan		0 ~ 3	0.46



Mineralogical Report		
Minerals	Guaranteed (%)	Typical (%)
Zircon	98.50 Min	99.10
Rutile	00.20 Max	00.14
Sillimanite	01.20 Max	00.54
Quartz	00.50 Max	00.22

Chemical Content		
Elements	Guaranteed (%)	Typical (%)
ZrO <sub>2</sub> + HfO <sub>2</sub>	66.00 Min	66.42
SiO <sub>2</sub>	33.00 Max	32.70
Al <sub>2</sub> O <sub>3</sub>	01.00 Max	0.321
Fe <sub>2</sub> O <sub>3</sub>	00.15 Max	0.102
TiO <sub>2</sub>	00.15 Max	0.084
V <sub>2</sub> O <sub>5</sub>	00.02 Max	0.004
P <sub>2</sub> O <sub>5</sub>	00.10 Max	0.074
U(ppm)	300 Max	198
Th (ppm)	200 Max	142

