



ORBITALA

who dares wins

PRODUCT: Zirconium | Mil-Z-399D

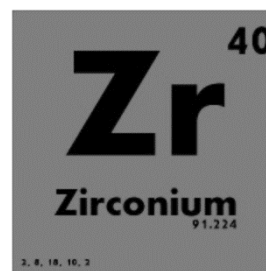
Chemical name: Zirconium

Chemical formula: Zr

Particle sizes: according to MIL specs

Cas #: 7440-67-7

Purity: $\geq 99.5\%$



CHARACTERISTIC:

Specification	
Zr total +Hf total	97.4+/-0.8%
Hf	approx. 2%
Ignition gain	33+/- 1.9%
Burning rate	13.0+/-5.0s/50 cm
Auto ignition temperature	180+/- 20°C
Fe	max. 0.1%
Al	max. 0.1%
Ca	max. 0.05%
H	max. 0.2%
Particle size (by sleying)	min. 99.9% <45µm
Average particle size (Blalne)	2.0 ± 0.5µm
Average particle size (Malyern)	3.0 ± 0.5µm



USES:

Pyrotechnics and high-temperature applications