

## Hafnium Crystal Bar

### HAFNIUM CRYSTAL BAR

Hafnium crystal bar is provided in nominal size diameters 1 1/2"-2 1/2" X 24"-36" random lengths. It is also available chopped to nominal 1"-2" lengths (shorter lengths are available), and as milled chips, nominal 0.100" wide X 0.500" long.

### NOMINAL SPECIFICATION VALUES IN PPM

**TABLE 2 - TYPICAL CHEMISTRY FOR COMMERCIAL HAFNIUM**

Wah Chang reserves the right to average T, M, B values on one lot.

Al	60	H	5	Ni	25	U	2
C	30	Mn	10	O	60	V	10
Cr	20	Mo	10	Si	25	W	1
Cu	25	N	10	Ta	5	Zr	*
Fe	100	Nb	5	Ti	30		

\* Per customer request based on availability, <0.5% Zr; >0.5%Zr - <1.5%Zr; >1.5%Zr Typical purity 99.9% or better - Hf plus Zr.

### PACKAGING

Chopped or milled product will be packaged in a plastic-lined 3.5 gallon bucket—maximum 50 lbs. (23 Kg). Whole bars may be boxed, minimum orders 10 lbs. (5kg).