

**Specification: TANTALUM WIRE (ROD) ( 3N+)****1. Designation**

Commercial Name: Tantalum Wire (Rod)  
Chemical Name: Ta  
CAS Number: 7440-25-7  
HS Number: 8103901100  
EC Number: 231-135-5

**2. Physical Properties**

Form: Wire

**3. Purity**

Purity level: Ta 99.9% min (Excluding gas element)

Grade	Wta-1	Wta-2
C	50	70
H	20	20
O	200	300
N	40	40
Al	10	10
Cr	40	50
Fe	50	70
Mn	30	30
Mo	30	30
Nb	50	100
Ni	30	30
Si	50	300
Ti	10	20
W	40	40

Specification	Condition	Diameter (mm)	Tensile Strength (Mpa)	Elongation
Diameter:0.15~8m 0.01~0.03 Length:20~60m	Full Annealed	<0.5	≥200	≥20
		>0.5	≥400	≥25
	Cold Worked	<0.5	≥600	/
		>0.5	≥1000	/

**4. Packing**

Packed in iron drums of ≤20kgs net each, spooled and inner sealed double plastics bags.

