

**Specification: TANTALUM&NIOBIUM CARBIDE****1. Designation**

Commercial Name: Tantalum & Niobium Carbide  
Chemical Name: TaC: NbC  
CAS Number: TaC: 12070-06-3  
NbC: 12069-94-2  
HS Number: 8103201900  
EC Number: 235-118-3

**2. Physical Properties**

Form: Yellow- brown powder

Grade	TNC91	TNC82	TNC73	TNC64	TNC55
TAC:NbC	9:1	8:2	7:3	6:4	5:5
Ta(min)	84	74.7	65.4	56	46.7
Nb(max)	9	17.7	26.6	35.4	44.2
Carbon- total(min)	6.6	7.16	7.6	8.12	8.6
Carbon- free(max)	TNC91	TNC82	TNC73	TNC64	TNC55
N	500				
Al	50				
Ca	50				
Fe	1000				
K	50				
Na	50				
Si	100				
Ti	100				
O	2500				
Ti	100				
Fsss Size	0.8~3um				

**4. Packing**

Packed in iron drums of 25kgs~100kgs net each with inner sealed bags of 5 or 25KGS net each.

