

**Specification: NIOBIUM CARBIDE ( NbC ,3N5+)****1. Designation**

Commercial Name: Niobium Carbide  
Chemical Name: NbC  
CAS Number: 12069-94-2  
HS Number: 28499090  
EC Number: 235-117-8

**2. Physical Properties**

Form: Brown powder

**3. Purity**

Purity level: Nbc: 99.5% min

Grade	NbC-1	NbC-2
NbC	≥99.5	≥99.0
Carbon-Total	11.0±0.4	11.0±0.4
Carbon-Free	0.15	0.15
Ta	5000	10000
Al	50	50
Ca	50	100
Co	500	1000
Cr	500	1000
Fe	500	1000
K	50	80
Mn	50	100
Mo	500	1000
Na	50	80
Si	50	100
Sn	50	100
Ti	50	100
W	500	1000
O	250	2500
N	500	1500
FSSS Size	0.8~3.0um	≤3.0um

**4. Packing**

Packed in iron drums of 25kgs~50kgs net each with inner sealed bags of 5 or 25KGS net each.

