

**Specification: COMMON GRADE NIOBIUM PENTOXIDE ( Nb<sub>2</sub>O<sub>5</sub>, 2N5+ )**

### 1. Designation

Commercial Name: Common Grade Niobium Pentoxide  
 Chemical Name: Nb<sub>2</sub>O<sub>5</sub>  
 CAS Number: 1313-96-8  
 HS Number: 25259090  
 EC Number: 215-213-6

### 2. Physical Properties

Form: White powder

### 3. Purity

Purity level: Nb<sub>2</sub>O<sub>5</sub> 99.5%~99.9% min ( Excluding Ta F and L.O.I. )

Grade	CNO-1	CNO-2	CNO-3(ECA)
Nb <sub>2</sub> O <sub>5</sub>	99.9	99.5~99.8	99.5
Ta	50	1000	1000
Ti	10	20	30
W	30	100	50
Mo	10	20	50
Cr	10	20	30
Mn	10	20	30
Fe	50	100	200
Ni	10	20	50
Cu	10	20	20
Al	10	20	50
Si	50	50	100
Pb	10	20	30
Sn	20	50	50
Ca	20	50	50
Mg	10	20	50
Zr	10	20	50
C	50	80	100
S	30	60	100
F	500	1500	1500
Sb	/	/	200
P	/	/	100
L.O.I.	0.2	0.4	0.5
FSSS Size	-60 mesh	<2um	<1um

### 4. Packing

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

