

**Specification: COMMON GRADE TANTALUM PENTOXIDE ( Ta<sub>2</sub>O<sub>5</sub>, 2N+)****1. Designation**

Commercial Name: Common Grade Tantalum Pentoxide  
Chemical Name: Ta<sub>2</sub>O<sub>5</sub>  
CAS Number: 1314-61-0  
HS Number: 2825909000  
EC Number: 215-238-2

**2. Physical Properties**

Form: White powder

**3. Purity**

Purity level: Ta<sub>2</sub>O<sub>5</sub> 99%---99.99% min (Excluding Nb F and L.O.I.)

| Grade                          | CTO-1 | CTO-2     |
|--------------------------------|-------|-----------|
| Ta <sub>2</sub> O <sub>5</sub> | 99.9  | 99.0~99.5 |
| Nb                             | 500   | 500       |
| Ti                             | 10    | 20        |
| W                              | 10    | 20        |
| Mo                             | 10    | 20        |
| Cr                             | 10    | 20        |
| Mn                             | 10    | 20        |
| Fe                             | 50    | 100       |
| Ni                             | 10    | 20        |
| Cu                             | 10    | 20        |
| Al                             | 10    | 20        |
| Si                             | 50    | 100       |
| F                              | 500   | 1000      |
| Pb                             | 10    | 20        |
| Sn                             | 20    | 50        |
| Ca                             | 20    | 50        |
| Mg                             | 10    | 20        |
| Zr                             | 10    | 20        |
| C                              | 50    | 80        |
| S                              | 30    | 60        |
| L.O.I.(%)                      | 0.2   | 0.3       |
| Size                           | <2um  | <2um      |

**4. Packing**

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

