

Tantalum Oxide Ta_2O_5

Application

Tantalum Oxide is used for the production of Tantalum Carbide, as an additive for optical glasses and for electronic applications.

Two grades are available:

- Standard Grade
- Optical Grade

Chemical Characteristics

Elements	Standard Grade	Optical Grade
	%	%
Al	0.015 max	0.001 max
Cr	-	0.001 max
Cu	-	0.001 max
F	0.15 max	0.015 max
Fe	0.03 max	0.001 max
Mn	0.005 max	0.0005 max
Mo	-	0.001 max
Nb	0.30 max	0.008 max
Ni	-	0.001 max
Si	0.05 max	0.005 max
Ti	0.03 max	0.0005 max
W	-	0.001 max
Loss of Ignition	0.50 max	0.20 max

Physical Characteristics

Grade	FSSS
	μm
standard	1.5 typical
optical	1.5 typical



Packing

- 25 kg in 40 l coated steel drums with rubber sealing
- Material in PE- Bag

Maximum Lot Size

- 500 kg

Inspection certificate according
 DIN EN 10204 3.1