

## Tungsten Oxide $WO_3$

### Application

Tungsten oxide is used for the production of tungsten metal powder or as compound and pigment for ceramics.

Two commercial grades are available:

- Tungsten Blue Oxide  $WO_{2.97}$  having a deep blue colour.
- Tungsten Yellow Oxide  $WO_3$  has a yellow to bright green colour.

### Chemical Characteristics

Elements	ppm
Al	10 max
Ca	10 max
Cr	20 max
Cu	5 max
Fe	20 max
K	20 max
Mg	10 max
Mo	50 max
Na	10 max
Ni	10 max
Si	20 max
Sn	5 max

### Physical Characteristics

Grade	FSSS
	$\mu\text{m}$
Tungsten Blue Oxide	5 – 25
Tungsten Yellow Oxide	5 – 15



### Packing

- 50 kg in 25 l coated steel drums with rubber sealing.
- Optional big bag 1.000 or 2000 kg

### Maximum Lot Size

- 4.000 kg

Inspection certificate according  
DIN EN 10204 3.1