

# TUNGSTEN SPECIAL PRODUCTS

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# TUNGSTIC ACID



- **OUTLINE**

CHEMICAL FORMULA:  $H_2WO_4$

FORMULA WEIGHT: 250

$WO_3$  THEORETICAL CONTENT: 92.8%

- **SPECIFICATIONS**

$WO_3$	91.0% Min.
Fe	0.005% Max.
Mo	0.005% Max.

- **APPLICATIONS**

Raw materials for catalysts



# CALCIUM TUNGSTATE



- **OUTLINE**

CHEMICAL FORMULA:  $\text{CaWO}_4$

FORMULA WEIGHT: 288

$\text{WO}_3$  THEORETICAL CONTENT: 80.5%

- **SPECIFICATIONS**

$\text{WO}_3$	79.0% Min.
$\text{NO}_3$	0.5% Max.
Pb	0.001% Max.
Fe	0.005% Max.
Na	2% Max.

- **APPLICATIONS**

Raw materials for catalysts, Raw material for

sputtering targets



# POTASSIUM TUNGSTATE



## ● OUTLINE

CHEMICAL FORMULA:  $K_2WO_4$

FORMULA WEIGHT: 326

$WO_3$  THEORETICAL CONTENT: 71.1%

## ● APPLICATIONS

Raw materials for catalysts

## ● SPECIFICATIONS

$WO_3$	70.0% Min.
Cl	0.02% Max.
$SO_4$	0.02% Max.
Pb	0.001% Max.
Fe	0.001% Max.
Mo	0.01% Max.
pH	8-10 (5% solution)



# SODIUM POLYTUNGSTATE



## ● OUTLINE

CHEMICAL FORMULA:  $3\text{Na}_2\text{WO}_4 \cdot 9\text{WO}_3 \cdot n\text{H}_2\text{O}$

or  $\text{Na}_6[\text{H}_2\text{W}_{12}\text{O}_{40}] \cdot m\text{H}_2\text{O}$

FORMULA WEIGHT: 2,968 (anhydrous basis)

$\text{WO}_3$  THEORETICAL CONTENT: 85.0%

## ● SPECIFICATIONS

<b>WO<sub>3</sub></b>	85.0% Min.
<b>Cl</b>	0.002% Max.
<b>SO<sub>4</sub></b>	0.005% Max.
<b>Mo</b>	0.01% Max.
<b>Fe</b>	0.001% Max.
<b>pH</b>	4.0–6.0 (5% solution)

## ● APPLICATIONS

Heavy liquids for gravity separation





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