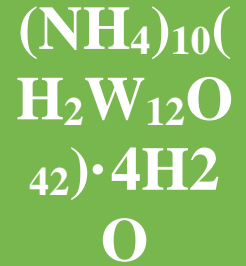


# Ammonium Paratungstate

**Description of Product** White crystalline powder for production of tungsten oxides and tungsten metal powders used in hardmetals.



## Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [ $\mu\text{g/g}$ ])

WO <sub>3</sub> (calculated)	min.	88.5 %
Al	max.	5 ppm
As	max.	5 ppm
Ba	max.	1 ppm
Bi	max.	4 ppm
Ca	max.	8 ppm
Cl	max.	10 ppm
Co	max.	5 ppm
Cd	max.	1 ppm
Cu	max.	5 ppm
Cr	max.	5 ppm
Fe	max.	5 ppm
K	max.	10 ppm
Li	max.	5 ppm
Mo	max.	10 ppm
Mg	max.	5 ppm
Mn	max.	5 ppm
Na	max.	10 ppm
Ni	max.	5 ppm
Nb	max.	5 ppm
P	max.	5 ppm
Pb	max.	5 ppm
S	max.	15 ppm
Sn	max.	3 ppm
Sb	max.	3 ppm
Si	max.	10 ppm
Ta	max.	5 ppm
Ti	max.	5 ppm
V	max.	5 ppm

## Physical Characteristics

Fisher number	40 ÷ 56	$\mu\text{m}$
Apparent density	2.2 ÷ 2.6	$\text{g/cm}^3$
Hall flow	26 ÷ 40	s

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**TUNGSTEN COMPOUNDS**

Number: MTC-PDS-02  
Issue: 23.08.2021

**Packaging**

1,000 kg of APT packed in bottom discharge bag with three layers.  
Other kinds of packaging are available on request.

**Storage and Handling**

The user must observe all the relevant safety regulations in force in the country of use.