



# NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Tungstates

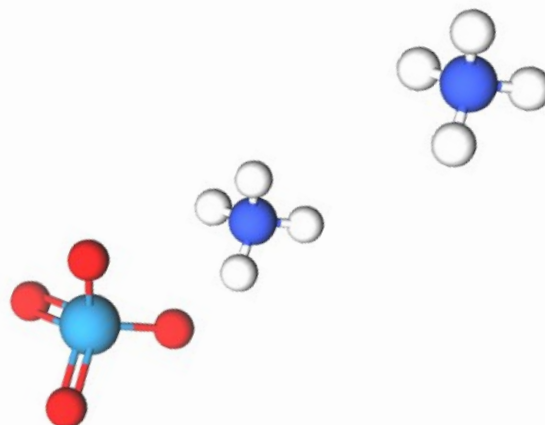
## Technical Data Sheet

# AMMONIUM METATUNGSTATE

**Ammonium Metatungstate (AMT)** is a high purity tungstate for uses requiring non-aqueous solubility such as recent solar energy and water treatment applications. CAS#: 12028-48-7

### Technical Specifications: $(\text{NH}_4)_6\text{H}_2\text{W}_{12}\text{O}_{40} \cdot \text{H}_2\text{O}$

Appearance	Fine, White Powder
WO <sub>3</sub> , %	91.5% min
Tungsten (W), %	69.0% min
Molybdenum (Mo), %	0.005% max
Ignition Loss, %	8.5 max
Insolubles, %	0.03 max
Potassium (K), %	0.003 max
Sodium (Na), %	0.003 max
Heavy Metals as Lead (Pb), %	0.001 Max
pH, 2% Solution	1.5 - 3.0
Water of Hydration (in moles), %	10% max



\*Image depicts Ammonium Tungstate\*

**Packaging:** Available in 250lb and 500lb drums. As well as, 2200lb supersacks and small packs, by request.

**Storage:** Store in a cool, dry area. Keep containers closed when not in use.

**Shelf Life:** At least one year if properly stored in unopened container.

**Safety:** Non-hazardous. Non-flammable. See MSDS for specific information.



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