



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds

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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 ₃ , %	91.5% min
Tungsten (W), %	69.0% min
Molybdenum (Mo), %	0.001% max
Ignition Loss, %	8.5 max
Insolubles, %	0.01 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

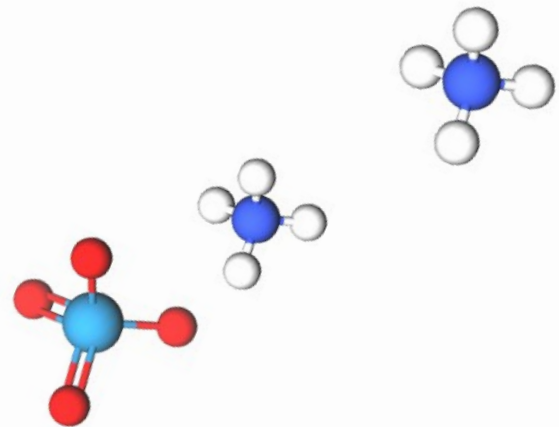


Image depicts Ammonium Tungstate

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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