



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds
 Since 1921

AMT 06.04.15

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AMMONIUM METATUNGSTATE ANHYDROUS - Technical

Technical Bulletin

AMMONIUM METATUNGSTATE

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of *World Class Molybdenum & Tungsten* compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



Description:

A high purity tungstate represented by the formula $(NH_4)_6H_2W_{12}O_{40} \cdot H_2O$

Technical Specifications: ... *Reagent Grade Sodium Tungstate*
 (CAS No. 12028-48-7)

Element	Specification	Typical Analysis
WO ₃ ; % wt.	91.50 % min	93.09%
Tungsten (W); % wt.	69.0 % min	71.14%
Insolubles; % wt.	0.01 max	0.0025
Molybdenum (Mo); % wt.	0.001 max	< 0.0006
Potassium (K); % wt.	0.003 max	< 0.0002
Sodium (Na); % wt.	0.003 max	< 0.0005
Ignition loss, % wt.	8.50 max.	7.71
Heavy Metals (Lead et al); % wt.	0.001 max.	< 0.001
Water of hydration (in moles)	5	5
pH; aqueous solution	1.5 - 3.0	2.9

Packaging: Available in 250 lb. fiber drums. Special packaging available upon request.

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

Safety: Non-hazardous. Non-flammable. Refer to MSDS for additional precautions



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