



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

CTA 06.04.15

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CALCIUM TUNGSTATE - Technical Data Sheet

Technical Bulletin

CALCIUM TUNGSTATE

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, low trace tungstate represented by the formula CaWO₄.

Technical Specifications: ...High Purity, Technical Grade Calcium Tungstate (CAS No. 7790-75-2)

Element	Specification	Typical Analysis
CaWO ₄ ; % wt.	98.00 % min	98.59%
Tungsten (W); % wt.	62.50 % min	62.94%
Arsenic (As); % wt.	20 ppm max.	< 15 ppm
Silver (Ag); % wt.	10 ppm max.	< 5 ppm
Chromium (Cr); % wt.	5 ppm max.	< 2 ppm
Copper (Cu); % wt.	5 ppm max.	< 2 ppm
Iron (Fe); % wt.	5 ppm max.	< 2 ppm
Heavy Metals as Lead (Pb); % wt.	40 ppm max.	< 20 ppm
Mercury (Hg); % wt.	20 ppm max.	< 10 ppm
Molybdenum (Mo); % wt.	0.25% max.	< 0.15%
Water Content (H ₂ O); % wt.	0.50 % max.	0.35%
Particle size	100% < 30 microns.	100% < 19 microns

Packaging: Available in 300 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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