

**AMMONIUM OCTAMOLYBDATE
(AOM-W)**

DESCRIPTION

Ammonium Octamolybdate (AOM-W) is produced by a wet chemical process to produce a high-purity molybdate which is represented by the formula $(\text{NH}_4)_4\text{Mo}_8\text{O}_{26}$. Its color is white to off-white. Solubility in water at 25°C is 4 g per liter. Typical molybdenum content is 61.1%.

SPECIFICATIONS

The following typical analysis and specification are based on Climax methods of sampling and analysis, which are available on request.

	Typical Analysis	Specification
Loss on Ignition	8.5%	8.3 %-8.7 %
Loss on Drying	0.04%	0.3 % max
Particle Size		
-50% less than	4.0 μ	2.5-5.0 μ
-99% less than	15 μ	18 μ max
Surface Area (BET)	2.4 m ² /g	NA

PACKAGING

US Packaging

Paper bags 50 lb net

Export Packaging

Paper bags 25 kg

MSDS REQUIREMENTS

A copy of the material safety data sheet (MSDS) is available upon request.

QUALITY ASSURANCE

We are committed to the production of the highest quality Molybdenum products, to the continual improvement of our manufacturing processes, and long-term partnerships with our customers. To accomplish this, all our employees and suppliers work as a team, assuring strict conformance to this specification as well as customer requirements. A quality assurance system has been implemented. All conversion facilities are certified to ISO 9001.