

C-TEC™ CT-AOM-Fine

Typical Properties

Formula	$(\text{NH}_4)_4\text{Mo}_8\text{O}_{26}$
Analysis (theoretical)	Mo 61.1%
	NH ₃ 5.43%
Specific gravity	3.18
Loose bulk density (lb/ft ³)	42
Mean particle size (microns)	1.3 - 1.8
99% less than (microns)	10
Solubility in water (g/100ml)	5
Decomposition temp.	>249°C / >480°F
Loss on ignition (600°C/1 hr)	8.5%

C-TEC™ CT-AOM-Fine ammonium octamolybdate is an ultra-fine white to off-white powder of exceptionally high purity used as a flame retardant synergist and smoke suppressant in polymers.

APPLICATIONS: CT-AOM-Fine is available to help formulators achieve reduced levels of smoke with high levels of flame retardancy in rigid and flexible PVC, CPVC, alloys and adhesives. Products made with CT-AOM-Fine are used in transportation, construction, and wire & cable markets, where stringent smoke and flammability standards, such as UL 910 and ASTM E84, must be met. Typical uses include jacketing and insulation for plenum and riser; profiles, wall coverings and upholstery for high-risk buildings; and extrusions for subways and aircraft interiors.

HEALTH AND SAFETY: Refer to the Safety Data Sheet

PACKAGING: 50lb bags; pallet weight 2000lbs

Terms and Conditions of Sale: All statements, technical information and recommendations are based on tests we believe to be reliable, the accuracy or completeness is not guaranteed, and the following is made in place of all warranties, expressed or implied. Our only obligation is to replace product proved to be defective. We shall not be liable for any injury, loss or damage, direct or indirect, from using or not being able to use the product. Before using, customer must determine the suitability of the product for the intended use and customer assumes the responsibility. This statement may not be changed except by an agreement signed by an officer of The R.J. Marshall Company.

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