



Technical Information

Smokebloc® AOM-100

Ammonium Octamolybdate



Smokebloc® AOM-100 is a high purity Beta form ammonium octamolybdate.

Ammonium Octamolybdate

CAS Reg. Number [124411-64-2]

Typical Physical Properties

Appearance	White Powder
Specific Gravity , gms/cc	3.18
Average particle size (microns)	4
Sieve residue (325 mesh), %	0.1
Water solubility, gms/liter	4

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Typical Composition

Smoke Suppressant	Molybdenum content, %	61.2%
	Primary Crystal Form	Beta form
	Moisture content, %	0.05
	Loss on ignition 450°C, %	8.4
	Iron, ppm	5
	Copper, ppm	2
	Sodium, ppm	10
	Potassium	20

Smokebloc® AOM-100 is primarily used as a smoke suppressant in flexible and rigid PVC. Typical use levels vary from 5 to 25 P.H.R. dependant on the application and level of smoke suppression required. Smokebloc AOM-100 is a solid phase char former which can be used in combination with other flame retardants and smoke suppressants.

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 6 to 12 months from the date of receipt. For additional handling and toxicological information, consult the GLCC Material Safety Data Sheet.

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