

AAA MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

SPECIFICATION SHEET

LEAD MOLYBDATE **CAS Number: 10190-55-3**

DESCRIPTION

Lead Molybdate is a very fine white to light violet, photosensitive crystalline powder. It is represented by the chemical formula PbMoO_4 . The product is also known as Lead Molybdenum Oxide. It has a melting point of 1065°C (1949°F) and it begins to volatilize, without decomposition, above 1050°C. Lead Molybdate is insoluble in water and decomposed by sulfuric acid. It is highly soluble in nitric acid, and soluble in hydrochloric acid and sodium hydroxide solutions.

SPECIFICATIONS

	Specification (%)
Assay (PbMoO_4)	99.0
Ammonium (NH_4)	<0.0020
Chloride (Cl)	<0.0020
Iron (Fe)	<0.0010
Lead (Pb)	<0.0700
Nitrate (NO_3)	<0.0030
Phosphate (PO_4)	<0.0005
Sulfate (SO_4)	<0.0200