

AA MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

SPECIFICATION SHEET

RHENIUM DIOXIDE **CAS Number: 12036-09-8**

DESCRIPTION

Rhenium Dioxide is a dark brown powder represented by the formula ReO_2 . It is insoluble in water and aqueous alkalis, but it is readily attacked by oxidizing acids and alkaline hydrogen peroxide solution to give the perrhenate ion. The specific gravity is 11.4 g/cc. Rhenium Dioxide sublimates at approximately 1363°C (2485°F).

SPECIFICATIONS	Specification (%)
Aluminum (Al)	0.0050
Calcium (Ca)	0.0015
Copper (Cu)	0.0015
Iron (Fe)	0.0050
Lead (Pb)	0.0007
Magnesium (Mg)	0.0007
Molybdenum (Mo)	0.0100
Nickel (Ni)	0.0015
Potassium (K)	0.0020
Silicon (Si)	0.0010
Sodium (Na)	0.0020
Tin (Sn)	0.0003