

MOLYBDENUM REGULAR PRODUCTS

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AMMONIUM MOLYBDATE



● OUTLINE

CHEMICAL FORMULA: $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

FORMULA WEIGHT: 1,236

MoO_3 THEORETICAL CONTENT: 81.5%

● APPLICATIONS

Raw materials for catalysts, Raw materials for

metals, Metal surface treatment agents,

Ceramic additives, Sintered metal additives,

Flame retardants, Smoke suppressants

● SPECIFICATIONS

MoO_3	81.0% Min.
Cl	0.001% Max.
NO_3	0.05% Max.
SO_4	0.01% Max.
PO_4	0.0005% Max.
SiO_2	0.005% Max.
Pb	0.001% Max.
Fe	0.001% Max.
K_2O	0.02% Max.
Cu	0.001% Max.



NIPPON INORGANIC COLOUR & CHEMICAL CO.,LTD.

SODIUM MOLYBDATE



● OUTLINE

CHEMICAL FORMULA: $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$

FORMULA WEIGHT: 242

MoO_3 THEORETICAL CONTENT: 59.5%

● APPLICATIONS

Raw materials for antifreeze, Color formers

(coupler) for inorganic pigments, Mordants

for basic dyes, Metal surface treatment

agents, Corrosion inhibitor, Micronutrient

fertilizers, Auxiliary materials for ceramics

● SPECIFICATIONS

MoO_3	59.0% Min.
Cl	0.005% Max.
SO_4	0.02% Max.
Pb	0.001% Max.
Fe	0.001% Max.
pH	10.0 Max. (5% solution)



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MOLYBDENUM TRIOXIDE



● OUTLINE

CHEMICAL FORMULA: MoO_3

FORMULA WEIGHT: 144

MoO_3 THEORETICAL CONTENT: 100%

● APPLICATIONS

Raw materials for catalysts, Raw materials for

metals, Metal surface treatment agents,

Ceramic additives, Sintered metal additives,

Anticorrosive pigment, Flame retardants,

Smoke suppressants

● SPECIFICATIONS

MoO_3	99.8% Min.
Cl	0.001% Max.
SO_4	0.02% Max.
PO_4	0.0005% Max.
NH_4	0.002% Max.
SiO_2	0.005% Max.
Pb	0.001% Max.
Fe	0.003% Max.
K_2O	0.025% Max.
Cu	0.001% Max.



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CALCIUM MOLYBDATE



● OUTLINE

CHEMICAL FORMULA: CaMoO_4

FORMULA WEIGHT: 200

MoO_3 THEORETICAL CONTENT: 72.0%

● APPLICATIONS

Friction materials

● SPECIFICATIONS

MoO_3	70.0% Min.
Cl	0.02% Max.
NO_3	0.02% Max.
Pb	0.001% Max.
Fe	0.002% Max.
Na	1.0% Max.



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