

INDUSTRIAL MATERIALS & RESOURCES

PRODUCT SERIES / 01

# MOLYBDENUM

PRODUCT CATALOG

RELIABLE PARTNER.

BEYOND MATERIALS.

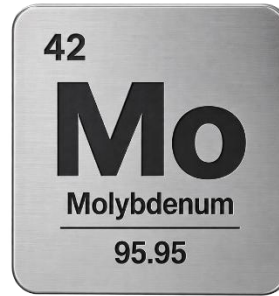


## ABOUT

# MOLYBDENUM

Molybdenum (Mo) is a critical metal with excellent high-temperature strength, corrosion resistance, and wear resistance.

It plays a vital role in steelmaking, chemical processes and various, industrial applications.



2,623°C

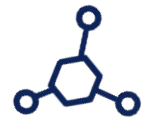
HIGH MELTING POINT



CORROSION  
RESISTANCE



HIGH STRENGTH  
AT ELEVATED TEMP.



WIDE RANGE OF  
APPLICATIONS

## PRODUCT LINE-UP



### MOLYBDENUM OXIDE

Powder



### FERRO MOLYBDENUM

FeMo 60 / FeMo 65

PRODUCTS

01

MOLYBDENUM OXIDE

POWDER

Intermediate product widely used in steelmaking and chemical industries.



TYPICAL CHEMICAL ANALYSIS (%)

| Mo       | Cu       | C        | S         | Pb        |
|----------|----------|----------|-----------|-----------|
| 57% Min. | 0.5% Max | 0.1% Max | 0.05% Max | 0.05% Max |

FORM

SANDY POWDER

PACKAGING

1MT BIG BAG / 250KG STEEL DRUM

02

FERROMOLYBDENUM

FeMo 60 / FeMo 65

Molybdenum alloy for the production of stainless steel, alloy steel and tool steel.



TYPICAL CHEMICAL ANALYSIS (%)

| Grade  | Mo       | Cu       | C        | Si       | P         | S        |
|--------|----------|----------|----------|----------|-----------|----------|
| FeMo60 | 60% Min. | 0.5% Max | 0.1% Max | 1.5% Max | 0.05% Max | 0.1% Max |
| FeMo65 | 65% Min. | 0.5% Max | 0.1% Max | 1.5% Max | 0.05% Max | 0.1% Max |

FORM

LUMP (10~50mm)

PACKAGING

1MT BIG BAG / 250KG STEEL DRUM