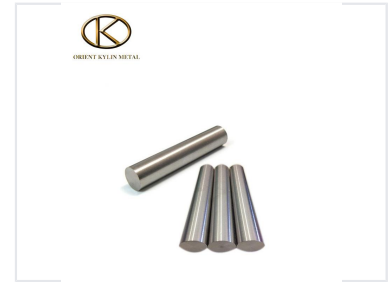


# Molybdenum Rod for Electric Vacuum Applications

This 99.95% pure molybdenum rod offers a high melting point and good thermal conductivity. It is suitable for electrodes, electric light source parts, and high-temperature structural components.



## ADDITIONAL IMAGES



## Overview



Precision-engineered molybdenum rods designed for high-temperature stability and thermal conductivity.

### High-Performance Molybdenum Rods

These high-purity (99.95%) molybdenum rods are engineered for demanding electric vacuum applications. They feature exceptional thermal conductivity, high-temperature stability, and superior corrosion resistance. Manufactured via powder metallurgy, these rods are ideal for electrodes, lighting components, and high-temperature structural parts.

## Material Properties

Material Grades	Mo1, Mo2
Purity	>= 99.95%
Density	10.2 g/cm <sup>3</sup>
Technique	Powder Metallurgy

## Manufacturing & Standards

### Surface Finish

Black • Ground • Polished

### Applications

- Electrodes
- Electric light source parts
- High temperature structural parts

### Standard

GB4188-84

## Dimensions

### Diameter Specifications

Type	Diameter Range (mm)
Swaging Rod	2-15
Straightened Rods (drawn)	0.8-3.2
Ground or Machined	2-200

## Mechanical Properties

### Mechanical Performance (Grade 360/361)

Thickness (mm)	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
0.51~3.18	585	450	15
3.18~10.32	515	380	15
10.32~22.2	620	515	18
22.2~28.6	585	480	15
28.6~47.6	515	450	10