



宝鸡元大金属有限公司

Bao Ji Yuan Da Metal Co.,Ltd

10F Ronking International Mansion, No.61 Gaoxin Avenue,

High-tech Development Zone, Baoji, Shaanxi, P.R. China

Tel: 0086-917 3315889 Fax: 0086-917 3313889

钼产品

MOLYBDENUM PRODUCTS

◇ Chemical Composition (成分):

牌号 Brand	Mo	杂质元素总和 Impurities	每种元素含量 Each Element Content	添加元素余量 Adding elements
Mo1	≥99.95	≤0.05	≤0.01	—
RMo1	≥99.94	≤0.06	≤0.02	—
MoTi0.5Zr0.1(T ZM)	≥99.20	≤0.11	≤0.08	Ti 0.40~0.55 Zr 0.06~0.12 C 0.01~0.04
Mo3G	≥99.33	≤0.07	≤0.01	La 0.20~0.60

◇ Products Properties (性能):

- 高熔点—2610℃
High melting point—2610℃
- 高沸点—5560℃
High boiling Point—5560℃
- 高密度—10.2g/cm³
High-density —10.2 g/cm³
- 具有均匀致密的显微组织晶粒
Uniform grain with densified microstructure
- 具有耐腐蚀性
Excellent resistance to electrochemical corrosion
- 热膨胀系数低
Low coefficient of thermal expansion
- 良好的导电性
Good electrical conductivity

◇ Specification (规格):

Description 产品名称	Diameter 直径 (mm)	Length 长度(mm)
Wire 丝	Φ 0.020~Φ 3.200	—
Rod 杆	Φ 0.800~Φ 12.00	50~5000
Bar 棒	Φ 12.00~Φ 20.00	50~3000
	Φ 20.00~Φ 30.00	50~3000
	Φ 30.00~Φ 60.00	50~2000
	Φ 60.00~Φ 70.00	50~2000
	> Φ 70.00	50~1500

注: 所有产品均可按照客户要求生产

Note: All the products can be supplied in according to customer's requirement.

● MOLYBDENUM——Bar/Rod

钼产品——棒、杆

◇ Range of use (用途):

钼棒是深加工的优质原料

Molybdenum bar is high quality raw

- 普灯用挂钩 Hook of the lamp
- 单螺旋绕丝芯丝线 Core of the lamp filament
- 电子管栅极 Grid for the vacuum tube
- 边杆、支杆 Leader, supporter of the lamp
- 高温炉发热材料 Heater for the high temperature furnace
- 电极 Electrode
- 碾压带材 Making strip
- 电真空零件 Tools for electric vacuum instruments and other tools of the lamp
- 发热体 Heaters
- 耐高温零件 Heatproof parts



◇ Surface finish(表面):

- Black surface (黑棒 (杆))
- Polished surface (抛光表面)
- Grinded surface (磨光面)



◇ Molybdenum bar(rod) Tolerance (公差):




直径 Diameter (mm)	公差 Tolerance	
	锻造黑表面 Black	磨光 Polishing (mm)
Φ0.4~Φ0.6	±0.1	±0.03
> Φ0.6~Φ2.5	±0.15	±0.05
> Φ2.5~Φ5.0	±0.2	±0.10
> Φ5.0~Φ8.0	±0.40	±0.30
> Φ8.0~Φ16	±0.60	±0.50
> Φ16~Φ25	±0.8	±0.70
> Φ25~Φ45	±1.5	±1.0
> Φ45~Φ55	±2.0	±1.5
> Φ55~Φ60	±2.0	±1.5
> Φ60~Φ70	±2.0	±1.5
> Φ70~Φ75	±2.0	±1.5
> Φ75~Φ85	±3.0	±2.0
> Φ85~Φ90	±2.0	±2.0
> Φ90~Φ100	±2.0	±2.0
> Φ100~Φ120	±4.0	±3.0

注: 公差要求可根据用户需要调整

Note: Special demands on tolerance available.

● MOLYBDENUM — Wire
钼产品—— 丝

◇ **Range of use (用途) :**

产品名称 Description	用途 Used	展示 Show
Molybdenum wire 钼丝	电子管栅极、挂钩及电真空件的各种零件、绕制PL线、真空或保护气氛高温炉发热材料支撑杆、引出线、栅极 Grid for electron tube, hook and parts for the electric vacuum instruments, support and leader and grid for the high temperature material.	
White Molybdenum wire 白钼丝	电真空、电光源行业中作芯线、钼针、引出线等 Core wire and lead wire and Molybdenum rod for the electric vacuum and lighting fields.	
Molybdenum wire for EDM 线切割钼丝	线切割 Wire-electrode cutting	
Spray Molybdenum wires 喷涂钼丝	适用汽车活塞环、齿轮、缸体等耐磨损零件的表面喷涂。 Surface spraying for wear and tear parts of truck, such as piston rings, gears and cylinders, etc.	

◇ Molybdenum wire Tolerance (公差):

直径 (mm) Diameter	200mm 丝段质量 (mg) Mg/200mm wire	200mm 丝段质量偏差 (%) Mg/200mm wire Tolerance		直径偏差 (%) Diameter Tolerance	
		I 级	II 级	I 级	II 级
$0.02 \leq d \leq 0.03$	0.65~1.47	±2.5	±3.0	—	—
$0.03 < d \leq 0.04$	>1.47~2.61	±2.0	±3.0		
$0.04 < d \leq 0.10$	>2.61~16.33	±1.5	±3.0		
$0.10 < d \leq 0.40$	>16.33~256.2	±1.5	±3.0		
$0.40 < d \leq 0.60$	—	—	—	±1.5	±2.5
$0.60 < d \leq 2.5$				±1.0	±2.0
$2.5 < d \leq 3.2$				±1.0	±1.5

注：公差要求可根据用户需要调整
 Note: Special demands on tolerance available.