



宝鸡元大金属有限公司

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钼产品

MOLYBDENUM PRODUCTS

● MOLYBDENUM

钼产品

Plate/Sheet/Foil

板、片、带

◇ Products Properties (性能):

- 高熔点—2610°C
High melting point—2610°C
- 高沸点—5560°C
High boiling Point—5560°C
- 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

◇ Range of use (用途):

- 电加热带
Heat tape,
- 反射屏
Reflective shield,
- 隔热屏
Heat insulation screen,
- 真空镀膜设备
Vacuum coating equipment,
- 制作耐高温钼舟
High-temperature resisting boat.
- 蓝宝石晶体炉盖
Cover of the sapphire growth furnace,
- 高温炉中的加热元件
Heating element in high-temperature furnace,

◇ Processing methods to produce (加工方式)

- Hot rolling process, 热轧
- Warm rolling process, 热处理温轧
- Cold rolling process, 冷轧



◇ 化学成分 Chemical Composition:

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	—
TZM	≥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

◇ 规格 Specification

厚度 Thickness (mm)	宽度 Width (mm)	长度 Length (mm)
0.01-0.02	50-120	200~500
>0.02-0.03	50-120	50~1000
>0.03-0.04	50-240	50~1000
>0.04-0.06	50-240	50~1000
>0.06-0.09	50-240	50~1000
>0.09-0.13	50-240	50~1000
>0.13-0.15	50-200	50~1000
>0.15-0.30	50-200	50~1000
>0.30-0.5	50-500	50~1000
>0.5-0.7	50-800	50~1000
>0.7-1.0	50-800	50~800
>1.0-2.0	50-800	50~800
>2.0-3.0	50-500	50~800
>3.0-4.0	50-500	50~800
>4.0-5.0	50-500	50~800
>5.0	50-500	50~800

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.

◇ 公差 Tolerance

厚度 Thickness	厚度公差 Thickness Tolerance		宽度 Width	宽度公差 Width Tolerance
	I	II		
0.01-0.02	±0.002	±0.004	50-120	±2
>0.02-0.03	±0.003	±0.005	50-120	±2
>0.03-0.04	±0.004	±0.006	50-240	±3
>0.04-0.06	±0.005	±0.007	50-240	±3
>0.06-0.09	±0.006	±0.008	50-240	±3
>0.09-0.13	±0.008	±0.01	50-240	±3
>0.13-0.15	±0.01	±0.02	50-200	±2
>0.15-0.30	±0.02	±0.03	50-200	±2
>0.30-0.5	±0.03	±0.04	50-500	±3
>0.5-0.7	±0.04	±0.05	50-800	±5
>0.7-1.0	±0.05	±0.08	50-800	±5
>1.0-2.0	±0.06	±0.10	50-800	±5
>2.0-3.0	±0.08	±0.15	50-500	±5
>3.0-4.0	±0.10	±0.20	50-500	±5
>4.0-5.0	±0.12	±0.30	50-500	±5
>5.0	±8%	±10%	50-500	±5

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