



# 宝鸡元大金属有限公司

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## 镍 产 品

## NICKEL PRODUCTS

● **PURE NICKEL**  
Plate/Sheet/Foil

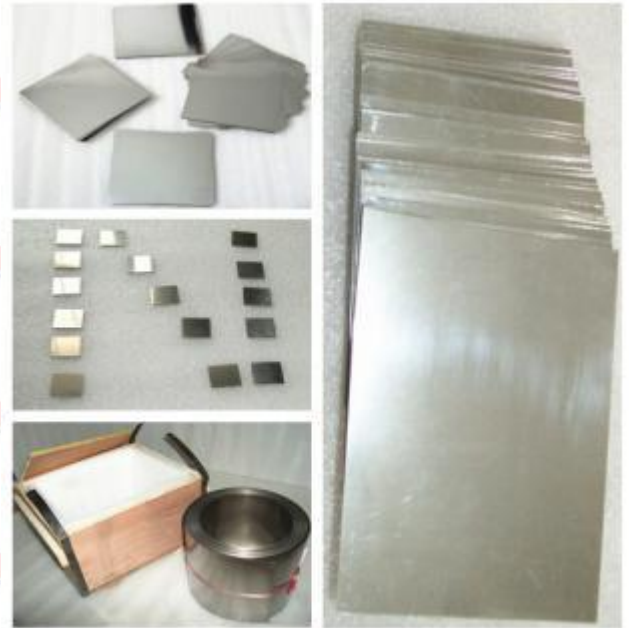
纯镍产品  
板、片、带

### ◇ **Products Properties (性能):**

- 熔点—1453℃  
Melting point—1453℃
- 沸点—2732℃  
boiling Point—2732℃
- 密度—8.9 g/cm<sup>3</sup>  
Density —8.9g/cm<sup>3</sup>
- 具有耐腐蚀性及耐热性  
Excellent resistance to electrochemical corrosion  
and good resistance to effect of heat
- 无磁性、无毒性、高导电率  
Nonmagnetic, Non-toxic and high electrical conductivity

### ◇ **Range of use (用途):**

- 硫酸厂用作加热管道、加热容器等。  
Sulfuric acid factory usage for heating pipe,  
container, basket, chain and so on.
- 酸性环境下在冷热交换器及天然气管道中使用  
Cooling heat exchanger, marine product pipeline system  
and gas pipeline of acidic environment.
- 磷酸生产中热换器、蒸汽机中使用。  
Heat exchanger, steam machine, washing, impregnation pipe, etc.  
for phosphoric acid produce.
- 用于食品加工设备  
Food processing equipment.
- 用于化学加工过程  
Chemical process.
- 烧碱处理设备  
Caustic handling equipment.
- 作为氟与碳氢化合物反应的容器  
Reactors and vessels in which fluorine is generated  
and reacted with hydrocarbons.
- 高压氧阻燃合金中的应用  
Application of high pressure oxygen flam-retardant alloy.



## ◇ 化学成分 Chemical Composition:

Grade 牌号	Chief component 主成分 %	杂质含量 ≤ Impurities max %														
		Ni+Co	Cu	Si	Mn	C	Mg	S	P	Fe	Pb	Bi	As	Sb	Zn	Cd
N4	99.9	0.015	0.03	0.002	0.01	0.01	0.001	0.001	0.04	0.001	0.001	0.001	0.001	0.005	0.001	0.001
N6	99.5	0.10	0.10	0.05	0.10	0.10	0.005	0.002	0.10	0.002	0.002	0.002	0.002	0.007	0.002	0.002

Note 注:

NUS N02201 (ASTM B 162) same as N4 (GB/T 2054).美标牌号 N02201 等同于国标 N4

NUS N02200 (ASTM B 162) same as N6 (GB/T 2054).美标牌号 N02200 等同于国标 N6

## ◇ 规格 Specification

厚度 Thickness (mm)	宽度 Width (mm)	长度 Length (mm)
0.015-0.030	100	—
>0.030-0.100	150	—
>0.100-0.300	200	1000
>0.300-1.500	300	1000
>1.500-10.00	600	1000

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	
	I	II
0.05-0.09	±0.005	±0.003
>0.09-0.15	±0.010	±0.007
>0.15-0.30	±0.015	±0.010
>0.30-0.45	±0.020	±0.015
>0.45-0.55	±0.025	±0.020
>0.55-0.85	±0.030	±0.025
>0.85-0.95	±0.035	±0.030
>0.95-1.20	±0.040	±0.035
>1.2-1.5	±0.090	±0.110
>1.5-2.5	±0.110	±0.130
>2.5-4.0	±0.130	±0.150
>4.0-6.0	±0.350	±0.400
>6.0-8.0	±0.400	±0.500
>8.0-10.0	±0.500	±0.600

注: 公差要求可根据用户需要调整

Note: Special demands on tolerance available.