



Factory Price Dia. 0.025mm 0.15mm NP2 High Resistivity Russian 99.98% Pure Nickel Wire For Wire Mesh Application

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO9001, ROHS
- Model Number: N4, N6, Ni200, Ni201
- Minimum Order Quantity: 1KG
- Price: 5 - 99 kilograms US\$45.00
- Packaging Details: Spool package with Carton box, Coil package with polybag,
- Delivery Time: 7-25 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Pure Nickel Wire
- Grade: N4, N6, Ni200, Ni201
- Material: Ni
- Elongation (\geq %): 35%
- Ni(min): 99%
- Shape: Wire
- Size: 0.025-10mm
- Ultimate Strength (\geq MPa): 462
- Resistance ($\mu\Omega\cdot m$): 15
- Melting Point: 1435-1446°C
- Tensile Strength Ksi (min): 462
- Hardness: S, 1/4H, 1/2H, 3/4H, H
- Application: Industry, Electronic
- M.O.Q: 1KG
- Delivery: 7-25 Days



More Images



Product Description

Pure Nickel Wire is a type of nickel wire with high purity, good corrosion resistance, and excellent conductivity. Its brand name is usually N4 or N6, which has a low temperature coefficient and good processability. Pure Nickel Wire is widely used in various fields such as electronics, chemical engineering, aerospace, and energy. It is used for manufacturing resistance wires, electronic components, corrosion-resistant equipment, high-temperature alloys, and heating elements, providing stable and reliable solutions for various industries.

Features:

1. Nickel has good mechanical strength and ductility.
2. Excellent performance on corrosion-resistance.
3. High melting point.
4. With good weldability.
5. Low electrical resistivity.
6. Electrical conductivity.

Our Product Introduction

Specification

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P	Fe
N4	99.9	≤0.015	≤0.03	≤0.002	≤0.01	≤0.01	≤0.001	≤0.001	≤0.04
N6	99.5	0.10	0.10	0.05	0.10	0.10	0.005	0.002	0.10
Ni201	≥99.9	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/	≤0.40
Ni200	≥99.6	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/	≤0.40

Physical Data

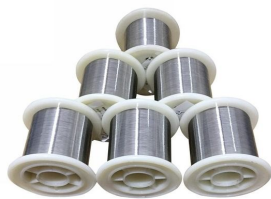
Density	8.89g/cm3
Specific Heat	0.109(456 J/kg.°C)
Electrical Resistivity	0.096×10-6ohm.m
Melting Point	1435-1446°C
Thermal Conductivity	70.2 W/m-K
Mean Coeff Thermal Expansion	13.3×10-6m/m.°C

Typical Mechanical Properties

Mechanical Properties	Nickel 200
Tensile Strength	462 Mpa
Yield Strength	148 Mpa
Elongation	47%



Shape	Size(mm)
Wire	0.025-10
Ribbon	(0.05-0.2)*(0.5-6)
Strip	(0.05-0.5)*(5-200)

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