



Ni Cr Alloy Wire Nichrome Wire Resistance Nickel Alloy Wire For Heater Coils

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE
- Model Number: Cr20Ni80
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag for Resistance wire
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Material: Nickel, Chromium
- Nickel(Min): 77%
- Resistivity: 1.09+/-0.05
- Tensile Strength: 637MPA
- Elongation: ≥20%
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright, Oxided, Acide
- Delivery Time: 7-20 Days
- Name: Resistance Wire
- Highlight: 80 20 Nichrome Alloy, Nichrome Alloy Cr20Ni80, NiCr Electric Heating Alloy Wire



More Images



Product Description

Our Product Introduction



Contact Person : Steven
WhatsApp : +8618961220953
E-mail: victory@dlx-alloy.com



NICR WIRE

Cr10Ni90, Cr20Ni80, Cr15Ni60,
Cr20Ni35, Cr20Ni30, Cr30Ni70

Customized service available

Our Nichrome alloy are in the form of wire, coil, ribbon, strip, foil

Nichrome wire sizes are:

Wire: 0.018mm-10mm

Ribbon: 0.05*0.2mm-2.0*6.0mm

Strip: 0.5*5.0mm-5.0*250mm

Bar: 10-100mm

Nichrome 80 20

Nichrome Grade: Ni70Cr30, Ni80Cr20, Ni60Cr15, Ni35Cr20, Ni30Cr20

NiCr 80/20 also called Chromel A, Cr20Ni80, N8, Nichrome V, HAI - NiCr 80, Tophet A, Resistohm 80, Cronix 80, Protoloy, Alloy A, MWS-650, Stablohm 650, NCHW1

nicr8020 characteristic

Chemical Content %: 80.00 Nickel, 20.00 Chrome

Max continuous service temperature: 1200°C

Resisivity: 1.09 mm2Ω /m

Density: 8.4g/cm3

Thermal conductivity: 60.3kj/mhc

Coefficient of thermal expansion: 18*10-6/c

Melting point: 1400°C

Elongation: Min 20%

Austenite: Nonmagnetic

Performance material		Cr10Ni90	Cr20Ni80	Cr30Ni70	Cr15Ni60	Cr20Ni35	Cr20Ni30
Composition	Ni	90	Rest	Rest	55.0~61.0	34.0~37.0	30.0
	Cr	10	20.0~23.0	28.0~31.0	15.0~18.0	18.0~21.0	18.0
	Fe		≤1.0	≤1.0	Rest	Rest	Rest
Maximum temperature°C		1300	1200	1250	1150	1100	1100
Melting point °C		1400	1400	1380	1390	1390	1390
Density g/cm3		8.7	8.4	8.1	8.2	7.9	7.9
Resistivity at 20°C(μΩ·m)			1.09±0.05	1.18±0.05	1.12±0.05	1.00±0.05	1.04
Elongation at rupture		≥20	≥20	≥20	≥20	≥20	≥20
Specific heat J/g.°C			0.44	0.461	0.494	0.5	0.5
Thermal conductivity KJ/m.h°C			60.3	45.2	45.2	43.8	43.8
Coefficient of lines expansion α×10-6/ (20~1000°C)			18	17	17	19	19
Micrographic structure			Austenite	Austenite	Austenite	Austenite	Austenite
Magnetic properties			Non-magnetic	Non-magnetic	Non-magnetic	Weak magnetic	Weak magnetic



Changzhou Victory Technology Co., Ltd

+8619906119641

victory@dlx-alloy.com

victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu