

# AWS. 5.14 Metal 60 Ernicu-7 Mig Weld Monel 400 Welding Wire 1.2mm

### **Basic Information**

. Place of Origin: China . Brand Name: Qingsen Monel 400 Model Number: 1-2 ton Minimum Order Quantity: • Price: negotiable Packaging Details: carton box . Delivery Time: 15-20 days

• Payment Terms: Western Union, MoneyGram, T/T



# **Product Specification**

Diameter: 0.8, 1.0,1.2,1.6,2.0,2.4,3.0

• Material: Ni Cr Mo 8.4 G/cm3 • Density: AWS A5.14 Standard: Smooth Surface · Surface:

Certificate: ISO9001 • Tensile Strength: 483mpa Elongation: 30%

• Highlight: monel 400 welding wire 1.2mm, AWS. 5.14 monel 400 welding wire,

ISO9001 monel welding wire



## **Product Description**

AWS. 5.14 metal 60 ernicu-7 mig weld wire monel alloy monel 400 welding wire 1.2mm

Monel filler Metal 60 welding wire/rod is used for gas-tungsten-arc and gas-metal-arc welding of monel alloy 400, R404, and K-500. it is also used for surfacing of steel by the gas-metal-arc or submerged-arc processes.

Weld metal deposited by monel filler metal 60 has properties similar to those of monel alloy 400. it has good strength and resists corrosion in many media, including sea water, salts, and reducing acids.

Ite m	ERNiCrM o-3	ERNiCrM o-4	ErNiCrMo- 13	ERNiCrF e-7	ERNiCr-	ERNiCu -7	ERCuN i	ERNi -1
С	0.1	0.02	0.01	0.04	0.1	0.15	0.03	0.15
Mn	0.05	1	0.5	1	2.5-3.5	4	0.5-1.0	1
Fe	5	4-7	1.5	7-11	3	2.5	0.65	1
Р	0.02	0.04	0.015	0.02	0.03	0.02	0.01	0.03
S	0.015	0.03	0.005	0.015	0.015	0.015	0.01	0.015
Si	0.05	0.08	0.1	0.5	0.5	1.25	0.15	0.75
Cu	0.5	0.5	N/A	0.3	0.5	rest	rest	0.25
Ni	≥58	rest	rest	rest	≥67	62-69	30-32	≥93
Co	N/A	2.5	0.3	N/A	N/A	N/A	N/A	N/A
Al	0.4	rest	0.1-0.4	1.1	N/A	1.25	0.15	1.5
Ti	0.4	2.5	N/A	1	0.75	1.5-3	0.5	2-3.5
Cr	20-23	N/A	22-24	28.5-31	18.0- 22.0	N/A	N/A	N/A
Nb+ Ta	3.5-4.15	N/A	1.8-2.5	0.01	2.0-3.0	N/A	N/A	N/A
Мо	8.0-10	15-17	15-16	0.5	N/A	N/A	N/A	N/A
V	N/A	0.35	N/A	N/A	N/A	N/A	N/A	N/A
W	N/A	3.0-4.5	N/A	N/A	N/A	N/A	N/A	N/A
Res t	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50

# → Monel 400(UNS N04400/W.Nr.2.4360)

化学成分	合金	%	镍Ni	铜Cu	铁Fe	碳C	猛Mn	硅Si	硫P
Chemical	400	最小min	63	28	-	-		-	-
Composition	400	最大max	-	34	2.5	0.3	2	0.5	0.024
物理特性 Physical Characteristics	密度 Density 8.83g/cm <sup>3</sup>								
	焙点 Melting point 1300-1390℃								
在常温下合金的机械性能的	典型机械性能		27 40	强度 V/mm²	屈服强度 RP0.2 N/mm <sup>2</sup>		延伸率 A5%	测试温度 Test ℃	
最小值	固溶处理		48	0	170		35		常温
特性 characteristic	Monel400是一种用量最大、用途是广泛综合性能极佳的耐腐蚀合金。此合金在氢氟酸和氟 气介质中有优异的耐蚀性,对执浓碱液也有优良的耐腐蚀性。同时耐中性溶液、水、海 水、大气、有机化合物等的腐蚀。该合金的一个重要特征是一般不产生应力腐蚀裂纹,切削 性能良好。								
耐腐蚀性 Corrosion resistance	Monel400合金在氟气、盐酸、硫酸、氢氟酸以及它们的派生物中有极优秀的耐蚀性。同时在海水中比铜基合金更具耐蚀性。Monel400在浓度小干85%的磁商中都具耐蚀的 Monel400 是可耐氢氟酸中为数极少的重要材料之一。水腐蚀:Monel400合金在多数水腐蚀情况下,不仅耐蚀性极佳,而且孔蚀、应力腐蚀等也很少发现,腐蚀速度小于0.025mm/a,高温腐蚀:Monel400在空气中连续工作的最高温度一般在600℃左右,在高温蒸汽中,腐蚀速度小于0.026mm/a。由于Monel400合金镍含量高,故可耐585℃以下无水氨和氨化条件下的腐蚀。								
应用范围 应用领域 Application		Monel400合金 1.动力工厂中 2.海水交换器 8.硫酸和盐馏 4.原油蒸馏 5.在海水使用 6.核工业用于 1.制造生产盐	的无缝输水的 和蒸发器 环境 设备的泵轴和 制造铀提炼	管、蒸汽管 和螺旋桨 和同位素分别	在许多工业领	域都能应用	1:		

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#### Q1: Can I have one or two samples for checking?

A: Yes, one free samples and freight collect, trial order is aslo welcome.

#### Q2: What's your lead time?

A: Depending on orders, usually 10~35 days

#### Q3: What countries have you exported to?

A: Worldwide!

#### Q4: Do you have MOQ?

A: Depending on exact product, usually 500 units, no MOQ if goods in stock, most products list on Alibaba we have hundreds to thousands in stock.

Q5: Can you meet my requirements like print LOGO on the product, specific packaging, etc

A: Of course! we are a profesional factory, everything can go in you way!

## Q6: Can I visit your company?

A: sure, any time at your convinience, please inform us before your visit

#### Q7: How is my product shipped? Will my product arrive on time?

A: By sea, by air or by express carriers (UPS, FedEx, TNT) transit time depends on freight rates.

#### Q8: What's terms of payment?

A: 30% T/T deposit, 70% balance before delivery.

B: 30% T/T deposit, 70% balance against BL.

C: 100% in advance, L/C at sight, Western Union/ Paypal for small amount payment.

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