

TYUE®

COMPANY CATALOG

Welding Electredes & Wires



WENZHOU TIANYU ELECTRONIC CO., LTD.

About Us

Wenzhou Tianyu Electronic Co., Ltd.

Initially known as Wenzhou Yongshun Welding Materials Co., Ltd. was founded in 2000.

We have been engaged in the manufacturing of welding consumables for 22 years.

We have a first-class professional technical team that can provide customers with customized services for welding electrodes.

Our Product Range:

- ◆ Welding Electrodes
- ◆ Welding Wire / Rods
- ◆ Welding Consumables & Accessories & Tools

In 2018, we registered our own brand TYUE to promote the business of welding rods and welding consumables. After years of hard work, Tyue brand welding electrodes are popular among customers around the world and exported to more than 50 countries and regions including Europe, America, Africa, Southeast Asia, The Middle East, etc.

Our products are widely used in industry: mining machinery, shipbuilding industry, building construction, oil & gas industry, machinery & equipment manufacturing, bridge building, railway construction, pressure-bearing equipment, energy industry, etc.

We sincerely welcome customers all over the world to cooperate with us, and continuously enhance each other's value through cooperation.



WENZHOU TIANYU ELECTRONIC CO., LTD.



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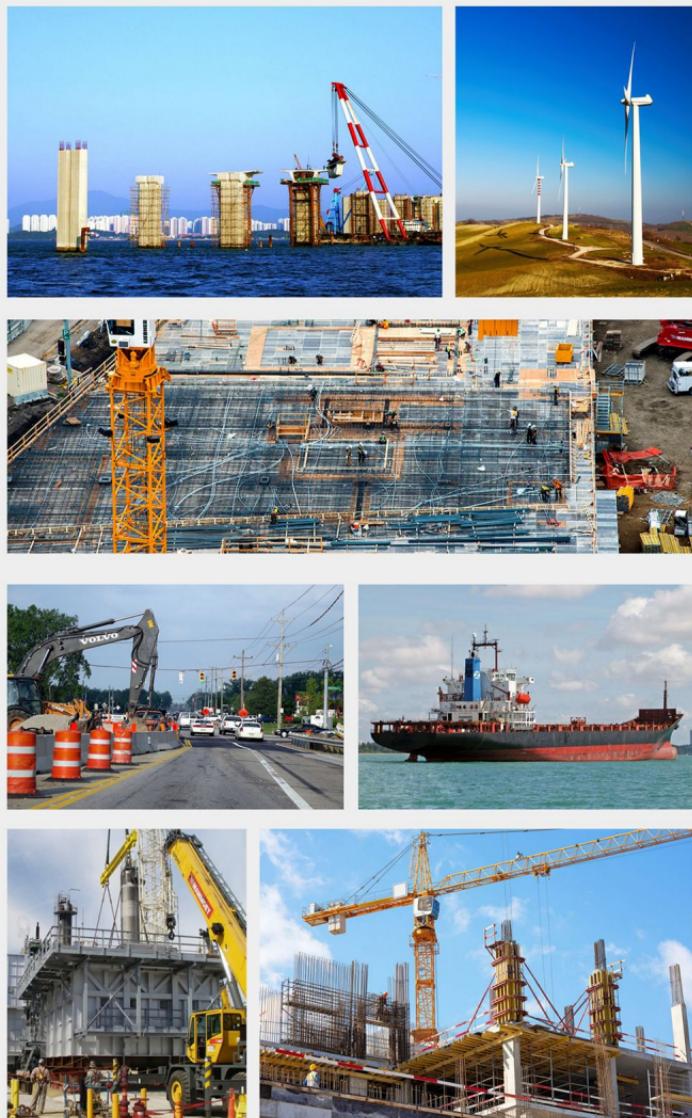
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Range Of Application



Product Name: Z308

符合 : GB EZNi-1
相当 : ENi-CI

说 明: Z308是纯镍焊芯石墨型药皮的铸铁用焊条。该焊条采用国外先进技术，药皮呈黑色微红，交直流两用，电弧稳定，具有细小熔滴过渡，熔渣覆盖均匀，焊缝成形美观，特别是小电流具有优良的操作工艺性能，故可避免大电流焊接产生的不良影响。

用 途: 用于薄铸铁件，包括加工面和重要灰口铸铁件，如汽缸盖、发动机座、齿轮箱以及机床轨等的焊补。

Description: Z308 products are pure nickel core wire graphite mould welding rods for use in cast iron pieces. These weld rods adopt foreign advanced techniques, have bluish-black solder cover. The products can use either alternating current or direct current, have stably operating electric arc, very small droplet transfer, well-distributed molten slag cover and beautifully welded seam formation. Especially the small current welding has excellently processing property and can avoid harmful effects caused by projection welding.

Application: For use in soldering thin iron castings including their worked surface and important ferrosteel pieces such as cylinder cap, engine seat, gearbox and machine tool rams, etc.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	镍(Ni)	铁(Fe)	其他 Others
≤2.00	≤1.00	≤2.50	≤0.03	≥90	≤8	≤1.00

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0
焊接电流(A) Welding current	60~90	90~110	120~150

注意事项:

- 可以通过锤击焊缝消除焊补区应力，避免裂纹发生。
- 铸铁冷焊应避免使用大电流焊接，以减少母材中杂质元素渗入焊缝并缩小白口区宽度，提高焊缝抗裂性能和机加工能力。
- 施焊前焊条须经80~120°C烘焙1小时。

Notes:

- The stress in soldering place may be eliminated by stamping the weld seams, so can prevent the crack happening.
- Cold welding cast iron pieces should avoid using heavy current, in order to lessen that impurity elements within masterbatch permeate the weld seam and reduce the width of weld heat-affected zone, enhance the sealing's crack resistance and improve bearable ability for mechanical working.
- Welding rods should be baked at 80-120°C for an hour before the start of weld operation.

Product Name: Z208

符合 : GB EZC

说 明: Z208是碳钢芯强石墨化药皮的铸铁用电焊条。焊缝在缓冷时变成灰口铸铁。其抗裂性能差。本焊条可以交直流两用。

用 途: 用于修补灰口铸件的缺陷。

Description: Z208 products are carbon steel core wire welding electrodes with strong graphitizing solder cover and these products are useful for cast iron pieces. When the weld joints cooling down slowly they become ferrosteel. The weldments have less crack-resistance. These electrodes can use either alternating current or direct current.

Application: For use in patching the defects of ferrosteel pieces.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)	铁(Fe)
2.00	≤0.75	2.50~6.50	≤0.10	≤0.50	余留 Remainder

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	3.2	4.0	5.0
焊接电流(A) Welding current	90~120	150~180	190~220

注意事项:

1. 小型薄壁铸铁件钢度不大部位的缺陷，可以不预热焊补，而一般焊件需预热至400°C左右。焊后保温缓冷，则焊补处有可能进行切削加工。
2. 对于承受应力及冲击等的重要铸件结构，不宜采用本焊条。
3. 施焊前应将焊条在150°C左右烘培1小时。

Notes:

1. The defects of less rigidity parts in small thin-wall cast iron pieces can be welded without preheating, but general weldments need to be preheated up to around 400°C. If the weldments preserve heat and slowly cool down, they are on the cards that the soldering joints can bear cut processing.
2. These welding rods are not suitable for the important castings that bear the stress and impact, etc.
3. The weld rods should be baked at around 150°C for an hour before the start of welding operation.

Product Name: Z508

符合 : GB EZNiGu-1

相当 : ENiCu-B

说 明: Z508是镍铜合金（蒙乃尔）焊芯强还原性石墨型药皮焊条。其工艺性及切削加工性能都接近Z308。但由于收缩率较大，抗裂性能较差，焊接接头强度较低，故不宜用于受力部位的焊接，但可用于常温或低温预热（300°C左右）的灰口铸铁的焊接。交、直流两用，电弧稳定，操作方便。

用 途: 用于强度要求不高的灰口铸铁件的焊补。

Description: Z508 products are konstantan (monel) core wire, strong reducibleness graphite mould solder coating weld rods. Their processing property and machinability are approximate to Z308. Owing to the more contractibility rate, less crack resistance, lower strength of soldering points, these products are not suitable to soldering the bearing power positions, but can be used for welding ferrosteel pieces on the ordinary temperature or low temperature preheating (about 300°C) conditions. The weld rods can use either alternating current or direct current, have stable arc and conveniently operating.

Application: For use in soldering ferrosteel pieces that require less high strength.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	硫(S)	镍(Ni)	铁(Fe)	铜(Cu)	其他 Others
≤1.00	≤2.50	≤0.80	≤0.025	60~70	≤6	24~35	≤1.00

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	3.2	4.0	5.0
焊接电流(A) Welding current	90~110	120~150	160~190

注意事项:

1. 焊前焊条须经150°C左右烘培1小时。
2. 焊接时运条以窄道为宜。每次焊缝的长度不宜超过50毫米，焊后立即用小锤锤击焊缝处，以消除焊补区应力，防止裂缝产生。

Notes:

1. The weld rods should be baked at about 150°C for an hour before the start of welding operation.
2. When welding operation carries on, the weld rod moving tracks take narrow routes as suitable line. The length of every welded seam should not be over 50mm. After soldering hammerblow the weld seam with small hammer immediately so as to eliminate the stress in soldering area and then avoid occurrence of cracks.

Product Name: Z408

符合 : GB EZNiFe-1
相当 : ENiFe-Cl

说 明: Z408是镍铁合金焊芯强还原性石墨型药皮的铸铁用焊条。具有强度高、塑性好、线性膨胀系数低、熔渣覆盖优良、焊缝成形美观等特点。特别是小电流焊接具有优良的操作工艺性能，可避免大电流产生的不良影响。

用 途: 用于重要高强度灰口铸铁及球墨铸铁件，如汽缸、发动机座、齿轮箱等的焊补。

Description: Z408 products are nickel iron alloy core wire, strong reducibleness and graphite mould solder coating weld rods. These electrodes have characteristics of high strength, good plasticity, low linear expansion coefficient, fine slag cover and beautiful weld seam formation, etc. Especially the small current welding has excellently precessing property and can avoid harmful effects caused by projection welding.

Application: For use in soldering important high strength ferrosteel and nodular cast iron pieces such as cylinder, engine seat and gearbox, etc.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	硫(S)	镍(Ni)	铁(Fe)	其他 Others
≤2.00	≤1.80	≤2.50	≤0.03	45~60	余留 Remainder	≤1.00

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0	5.0
焊接电流(A) Welding current	50~80	80~100	110~140	150~180

注意事项: 1. 焊前焊条须经150°C左右烘焙1小时。
2. 尽可能采用小电流施焊。

Notes: 1. Welding rods should be baked at around 150°C for an hour before the start of weld operation.
2. The welding operation use small current as far as possible.

Product Name: Z308-16

符合 : GB E308-16

相当 : A101

说 明: A101是钛型药皮Cr19Ni10不锈钢焊条。施焊时药皮具有不发红，不开裂的特点，焊缝金属具有良好的力学性能及抗晶间腐蚀性能，特别适宜于薄板平焊。

用 途: 用于焊接工作温度低于300°C的耐腐蚀的Cr19Ni9及0Cr19Ni11Ti的不锈钢结构。

Description: A101 is Cr19Ni10 stainless steel type electrode with Titanium coating. It has the character of non-crack and non-red-hot occurred while operating. Welding line contributes excellent mechanical performance as well as anti-intercy stalline corrosion performance.

Application: It is suitable for welding structure of anti-corrosion Cr19Ni9 and 0Cr19Ni11Ti stainless steel which working temperature is below 300°C.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	铬(Cr)	镍(Ni)	硫(S)	磷(P)	钼(Mo)	铜(Cu)
≤0.08	0.5~2.5	≤0.90	18~21	9~11	≤0.03	0.04	≤0.75	≤0.75

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa		延伸率 Elongation %
	保证值 Guaranteed	≥550	

熔敷金属耐腐蝕性能試驗及鐵素體含量由供需雙方協議確定。

The anti-corrosion performance and ferrite composition should be determined between buyer and seller.

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流 (A) Welding current	25~50	50~80	80~110	110~160	160~200

注意事项:

1. 焊前焊条须经250°C烘焙1h，不得反复烘焙。
2. 尽可能采用直流电源，因用交流焊接时，溶深较浅。

Notes:

1. Electrodes must be baked for 1 hour at 250°C before welding operation. Repeat bake process is not allowed.
2. To operate on DC if all possible, because of the penetration is not deep enough. Operate with small current so the electrode will not be red-hot.

Product Name: E308-16

符合 : GB E308-16

相当 : A102

说 明: A102是钛钙型药皮的低碳Cr19Ni10不锈钢焊条。具有良好的力学性能及抗晶

腐蚀性能，可交直流两用，操作性能极好。

用 途: 用于焊接工作温度低于300°C的耐腐蚀的0Cr18Ni9、0Cr18Ni11Ti的不锈钢结构。

Description: A102 is low carbon Cr19Ni10 stainless steel type of electrode with Titanium-calcium coating. It provides excellent mechanical performance as well as anti-intercrysalline corrosion performance between. It can be operated on both AC and DC with outstanding operation performance.

Application: It is suitable for welding structure of anti-corrosion 0Cr18Ni9 and 0Cr18Ni11 Ti stainless steel, which working temperature is below 300°C.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	铬(Cr)	镍(Ni)	硫(S)	磷(P)	钼(Mo)	铜(Cu)
≤0.08	0.5~2.5	≤0.90	18~21	9~11	≤0.03	≤0.04	0.75	≤0.75

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	延伸率 Elongation %
保证值 Guaranteed	≥550	≥35

熔敷金属耐腐蚀性能试验及铁素体含量由供需双方协议确定。

The anti-corrosion performance and ferrite composition should be determined between buyer and seller.

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流 (A) Welding current	25~50	50~80	80~110	110~160	160~200

注意事项: 1. 焊前焊条应经150°C烘培1小时。

2. 尽可能采用直流电源，因用交流焊接时，熔深较浅。电流不宜过大，以免焊条发红。

Notes:

1. Electrodes must be baked for 1 hour at 150°C before welding operation.
2. To operate on DC if all possible, because of the penetration is not deep enough. Operate with small current so the electrode will not in red-hot.

Product Name: E316L-16

符合 : GB E316L-16

相当 : A022

说 明: A022是钛钙型药皮的超低碳Cr18Ni12Mo2不锈钢焊条。熔敷金属含量≤0.04%，有良好的耐热、耐腐蚀及抗裂性能。可交直流两用，有良好的操作工艺性能。

用 途: 用于焊接尿素、合成纤维等设备及相同类型的不锈钢结构，也可用于焊后不能进行热处理的铬不锈钢以及复合钢以及复合钢和异种钢等。

Description: A022 is a super-low carbon Cr18Ni10 stainless steel type electrode coated with Titanium-calcium. The molten metal content is ≤0.04%. It provides excellent performance of heat resistance, anti-corrosion as well as crack resistance. It has excellent operational technological performance and can be operated on both AC and DC.

Application: It suitable for stainless steel structures welding of the equipments for manufacturing carbamide, synthetic fibre as well as the other similar type of equipments. It also can be used to welding of chromium stainless steel that cannot be heat-treated after welding, and compound steel and special steel.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	铬(Cr)	镍(Ni)	硫(S)	磷(P)	钼(Mo)	铜(Cu)
≤0.04	0.5~2.5	≤0.90	17~20	11~14	≤0.03	≤0.04	2.0~3.0	≤0.75

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	延伸率 Elongation %
保证值 Guaranteed	≥490	≥30

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流 (A) Welding current	25~50	50~80	80~110	110~160	160~200

注意事项: 1. 焊前焊条应经150°C烘焙1小时。

2. 尽可能采用直流电源，因用交流焊接时，溶深较浅。电流不宜过大，以免焊条发红。

3. 熔敷金属耐腐蚀性能试验由供需双方协商确定。

Notes:

1. Electrodes must be baked for 1 hour at 150°C before welding operation.
2. To operate on DC if all possible, because of the penetration is not deep enough. Operate with small current so the electrode will not in red-hot.
3. The anti-corrosion performance and ferrite composition should be determined between buyer and seller.

Product Name: E308L-16

符合 : GB E308L-16

相当 : A002

说 明: A002是钛钙型药皮的超低碳00Cr19Ni10不锈钢焊条。其熔敷金属含量 $\leq 0.04\%$, 有良好的抗晶间腐蚀性能。可交直流两用, 有良好的操作工艺性能。

用 途: 用于焊接超低碳00Cr19Ni10不锈钢结构。也可用于0Cr19Ni11Ti工作温度低于300°C耐腐蚀的不锈钢结构。主要用于全盛纤维、化肥、石油等设备的制造。

Description: A002 is a super-low carbon Cr19Ni10 stainless steel type electrode coated with Titanium-calcium. The molten metal content is $\leq 0.04\%$. It provides excellent performance of intercrystalline corrosion resistance. It has excellent operational technological performance on both AC and DC.

Application: It applies to welding the structure of super-low carbon Cr19Ni10 stainless steel. It also suitable for welding the structure of anti-corrosion stainless steel 0Cr19Ni11Ti which working temperature below 300°C. It is mainly used for equipment manufacturing of fibre, fertilizer and petroleum industry.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	铬(Cr)	镍(Ni)	硫(S)	磷(P)	钼(Mo)	铜(Cu)
≤ 0.04	0.5~2.5	≤ 0.90	$\leq 18\sim 21$	9~11	≤ 0.03	≤ 0.04	≤ 0.75	≤ 0.75

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa		延伸率 Elongation %
	保证值 Guaranteed	≥ 520	

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流 (A) Welding current	25~50	50~80	80~110	110~160	160~200

注意事项:

1. 焊前焊条应经150°C烘培1小时。
2. 尽可能采用直流电源, 电流不宜过大, 以免焊条发红。
3. 熔敷金属耐腐蚀性能试验及铁素体含量由供需双方协商确定。

Notes:

1. Electrodes must be baked for 1 hour at 150°C before welding operation.
2. To operate on DC if all possible. Operate with small current so the electrode will not be red-hot.
3. The anti-corrosion performance and ferrite composition should be determined between buyer and seller.

Stainless Steel Welding Electrode

TYUE 天煜

Product Name: E309-16

符合 : GB/T E309-16

相当 : E309-16

说 明: CJA302 是钛钙型药皮的Cr23Ni13不锈钢焊条。熔敷金属具有良好的抗裂及抗氧化性能。可交直流两用，有良好的焊接工艺性能。

用 途: 用于焊接相同类型的不锈钢、不锈钢衬里、异种钢（Cr19Ni9同低碳钢）以及高铬钢、高锰钢等。

Description: E309-16 is Titanium calcium type stainless steel electrode. It can weld on both DC and AC with excellent weldability. It has good crack resistant properties and oxidation resistant properties.

Application: It is suitable for welding the same type stainless steel and the compound steel, high chrome steel high chromium steel etc.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	铬(Cr)	镍(Ni)	钼(Mo)	铜(Cu)	硫(S)	磷(P)
≤0.15	0.5~2.5	≤0.90	22~25	12~14	≤0.75	≤0.75	≤0.03	≤0.04

熔敷金属机械性能 **Mechanical properties of weld metal:**

试验项目 Test item	抗拉强度 Tensile strength Mpa	延伸率 Elongation %
保证值 Guaranteed	≥550	≥25

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0	5.0
焊接电流(A) Welding current	50~80	80~110	110~160	160~200

Product Name: E7018

符合 : GB E5018
相当 : J506Fe

说 明: J506Fe 是铁粉低氢钾型药皮的碳钢焊条, 交直流两用, 可进行全位置焊接。其特点是药皮含有铁粉, 可减少焊接层数。

用 途: 适用于碳钢及低合金钢的焊接, 如 16Mn 等

Description: J506Fe is an iron powder low hydrogen potassium electrode. It is used on both AC and DC in all position. As the coating contains iron powder, it has highly efficient welding and can reduce welding layers.

Application: It is suitable for welding carbon structure and low alloy steel structure., such as 16 Mn etc.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≤0.12	≤1.6	≤0.75	≤0.035	≤0.040

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)
				-30°C
保证值 Guaranteed	≥490	≥400	≥22	≥27
一般结果 Tested	520~580	≥410	24~30	50~180

熔敷金属扩散氢含量: ≤8.0ml/100g(甘油法)

Hydrogen diffuse of weld metal: ≤8.0ml/100g(glyceric method)

X射线探伤: I级 X-ray radiographic inspection: I grade

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0	5.0
焊条电流(A) Welding current	90~120	120~150	170~200	210~250

注意事项: 1. 焊前焊条须经 350°C 左右烘焙 1 小时, 随烘随用。

2. 焊前必须对焊件清除铁锈、油污、水分等杂质。

3. 焊接时须用短弧操作, 以窄焊道为宜。

4. 用直流电源时, 焊条接正极。

Notes:

1. Electrodes must be baked for 1 hour at 350°C before welding operation.
2. It is essential to clean up rusty, oil scale, water and impurities on welding parts.
3. Short arc operation is required when welding. Narrow welding track is proper.
4. Electrode is as positive pole when operation on DC.

Product Name: E6013

符合 : GB E4313

相当 : J421

说 明: J421是氧化钛型药皮的碳钢焊条, 交直流两用, 可进行全位置焊接, 操作性能良好, 再引弧容易。

用 途: 焊接低碳钢结构, 特别适用于薄板小件及短焊缝和要求表面光洁的盖面焊。

Description: J421 is Carbon steel type electrode with Titanium Oxide coating. It is suitable for all-position welding along with the excellent welding performances and can be used both of AC and DC. The arc is stable and easy to re-strike.

Application: For welding various structures of low carbon steel, in particular applies to the applications of the welding of thin steel plate, small parts, short joints as well as the surface finish required welding.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≈0.12	0.3~0.6	≤0.35	≤0.035	≤0.040

熔敷金属机械性能 **Mechanical properties of weld metal:**

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value (J) 0°C
保证值 Guaranteed	≥420	≥330	≥22	≥47
一般结果 Tested	490	400	27	60

X射线探伤: II级 X-ray radiographic inspection: II grade

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流(A) Welding current	35~60	55~95	90~140	140~200	190~240

Product Name: E6013

符合 : GB E4313
相当 : J421X

说 明 : J421X是氧化钛型药皮,立向下操作的专用碳钢焊条,交直流两用,可进行全位置焊接,操作性能良好,成形美观,脱渣好和再引弧容易.

用 途: 适用于焊接一般船用碳钢及镀锌钢板,特别适用于薄板立向下焊及间断焊.

Description: J421X is Titanium Oxide coated electrode for carbon steel welding application. It operates in vertical-down position, and suitable for all-position welding along with the excellent welding performances and can be used both of AC and DC. The weld is smooth and neat. The arc is stable and easy to re-strike, slag can be easily removed.

Application: It applies to welding ship carbon steel and galvanized steel plate as well, in particular applies welding of thin plate in vertical-down position and, discontinuous welding application.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≈0.08	≈0.5	≈0.25	≤0.035	≤0.040

熔敷金属机械性能 **Mechanical properties of weld metal:**

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)	
				常温 Normal Temp.	0°C
保证值 Guaranteed	≥420	≥330	≥17	-	-
一般结果 Tested	460~510	370~420	25	80	70

X射线探伤: II级 X-ray radiographic inspection: II grade

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流(A) Welding current	35~70	600~100	80~150	160~200	180~250

Product Name: E7014

符合 : GB E5014

相当 : J501Fe

说 明: J501Fe是铁粉氧化钛型药皮的碳钢焊条, 交直流两用, 熔敷效率为110%, 可进行全位置焊接。

用 途: 用于碳钢和低合金钢, 如: 16Mn等船舶, 车辆及机械结构的焊接。

Description: J501Fe is Iron powder-Titanium oxide covered type electrode for welding of carbon steel. It operates on both AC and DC. It can be operated in all positions. The deposition efficiency is 110%.

Application: It is suitable for welding of carbon steel and low alloy steel, such as welding of 16Mn, and structures of ships, vehicles as well as mechanical.

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≤0.12	≤1.25	≤0.90	≤0.035	≤0.040

熔敷金属机械性能 **Mechanical properties of weld metal:**

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)
				-30°C
保证值 Guaranteed	≥490	≥400	≥17	≥27
一般结果 Tested	520~580	410	17~26	50~100

熔敷金属扩散氢含量: ≤8.0ml/100g(甘油法)

Hydrogen diffuse of weld metal: ≤8.0ml/100g(glyceric method)

X射线探伤: II级 X-ray radiographic inspection: II grade

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0	5.8
焊条电流(A) Welding current	40~70	70~90	90~130	160~210	210~250	260~310

Product Name: J502

符合 : GB E5003

说 明: J502是氧化钛钙型药皮的碳钢焊条, 交直流两用, 可进行全位置焊接。

用 途: 主要用于16Mn等低合金钢结构的焊接。

Description: J502 is Titanium oxide-calcium covered type carbon steel electrode. It can be operated on both AC and DC in all position welding.

Application: It mainly applies to structure welding of low carbon steel.

熔敷金属机械性能 **Mechanical properties of weld metal:**

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)
				0°C
保证值 Guaranteed	≥490	≥400	≥20	≥27
一般结果 Tested	520~580	≥410	20~30	60~100

X射线探伤: II级

X-ray radiographic inspection: II grade

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0	5.8
焊条电流(A) Welding current	40~70	70~90	90~130	160~210	220~270	260~310

Product Name: E7015

符合 : GB E5015

相当 : J507

说 明: J507是低氢钠型药皮的碳钢焊条，采用直流反接。可进行全位置焊接，具有良好的塑性、韧性及抗裂性能。

用 途: 可焊接中碳钢和某些低合金钢，如09Mn2Si、16Mn、09Mn2V等。

Description: J507 is Low-hydrogen sodium coated steel type electrode, provides excellent plasticity and toughness performances, as well as crack resistance performance. It can be operated in all position welding on DC reversed.

Application: It is suitable for welding of middle carbon steel and low alloy steel, such as 16Mn, 09Mn2Si, 09Mn2V etc.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≤0.12	≤1.6	≤0.75	≤0.035	≤0.040

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)
				-30°C
保证值 Guaranteed	≥490	≥400	≥22	≥27
一般结果 Tested	520~580	≥410	24~32	55~200

熔敷金属扩散氢含量: ≤8.0ml/100g(甘油法)

Hydrogen diffuse of weld metal: ≤8.0ml/100g(glyceric method)

X射线探伤: I级 X-ray radiographic inspection: I grade

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0	5.0
焊条电流(A) Welding current	60~90	90~120	140~180	170~210

注意事项: 1. 焊前焊条须经350°C左右烘培1小时，随烘随用。

2. 焊前必须对焊件清除铁锈、油污、水分等杂质。

3. 焊接时须用短弧操作，以窄焊道为宜。

Notes:

1. Electrodes must be baked for 1 hour at 350°C before welding operation.
2. It is essential to clean up rusty, oil scale, water and impurities on welding parts.
3. Short arc operation is required when welding. Narrow welding track is proper.

Product Name: E6011

符合 : GB E4311

相当 : J425

说 明: J425是纤维素钾型药皮的立向下焊专用碳钢焊条,交直流两用。向下立焊时成型美观,焊接效率高等特点。焊条摆动不宜过宽,电弧高低要适中。

用 途: 适用于焊接薄板结构的对接、角接及搭接焊。如电站烟道、风道、变压器的油箱、船体和车辆外板的低碳钢结构。

Description: J425 is Cellulose potassium coated type electrode specialized in vertical-down welding of carbon steel. The weld in way of vertical-down is neat and smooth. It can be operated on both AC and DC. Less swing and proper level is required when welding.

Application: It applies to applications of butt welding, fillet welding well as lap welding of thin steel plate, such as oil tank of transformer, vessel hull, vehicle crust low carbon steel structures for flue and venting tube.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≤0.12	0.3~0.6	≤0.30	≤0.035	≤0.040

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value (J) 0°C
保证值 Guaranteed	≥420	≥330	≥22	≥27
一般结果 Tested	480~580	≥340	22~26	100~130

X射线探伤: II级 X-ray radiographic inspection: II grade

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.0	2.5	3.2	4.0	5.0
焊接电流(A) Welding current	25~40	30~50	70~100	90~140	150~200

Product Name: E7016

符合 : GB E5016

相当 : J506

说 明: J506是低氢钾型药皮的碳钢焊条，具有良好的机械性能和抗裂性能，交直流两用，可进行全位置焊接。交流施焊时，在性能稳定性方面次于直流焊接。
用 途: 用于中碳钢的低合金钢焊接，如16Mn, 09Mn2Si等。

Description: E506 is Low-hydrogen potassium coated carbon steel type electrode, provides excellent mechanical performances and crack resistance performance. It can be operated in all position welding and both of AC and DC. When operating on AC, its stability is next to DC welding.

Application: It is suitable for welding of middle carbon steel and low alloy steel, such as 165Mn, 09Mn2Si etc.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	锰(Mn)	硅(Si)	硫(S)	磷(P)
≤0.12	≤1.6	≤0.75	≤0.035	≤0.040

熔敷金属机械性能 Mechanical properties of weld metal:

试验项目 Test item	抗拉强度 Tensile strength Mpa	屈服强度 Yield strength Mpa	延伸率 Elongation %	冲击值 Impact value(J)
				-30°C
保证值 Guaranteed	≥490	≥400	≥22	≥27
一般结果 Tested	520~580	≥410	25~33	55~205

熔敷金属扩散氢含量: ≤8.0ml/100g(甘油法)

Hydrogen diffuse of weld metal: ≤8.0ml/100g(glyceric method)

X射线探伤: I级 X-ray radiographic inspection: I grade

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	2.5	3.2	4.0	5.0
焊条电流(A) Welding current	60~90	90~130	150~190	180~230

注意事项: 1. 焊前焊条须经350°C左右烘焙1小时，随烘随用。

2. 焊前必须对焊件清除铁锈、油污、水分等杂质。

3. 焊接时须用短弧操作，以窄焊道为宜。

4. 用直流电源时，焊条接正极。

Notes: 1. Electrodes must be baked for 1 hour at 350°C before welding operation.

2. It is essential to clean up rusty, oil scale, water and impurities on welding parts.

3. Short arc operation is required when welding. Narrow welding track is proper.

4. Electrode is as positive pole when operation on DC.

Product Name: D507

符合 : GB/T EDCr-A1-15

相当 : JIS DF-4A

说 明: D507是低氢钠型药皮的1Cr13型阀门堆焊焊条。堆焊金属为1Cr13半铁素体高铬钢。堆焊层具有空淬特性，一般不需要热处理。硬度均匀，可在750°C~800°C退火软化。当加热至900~1000°C空冷或油淬后，可重新硬化。采用直流反接。

用 途: 这是一种通用性的表面堆焊用焊条，用于堆焊工作温度在450°C以下的碳钢或合金钢的轴及阀门等。

熔敷金属化学成分(%) **Chemical composition of weld metal(%):**

碳(C)	铬(Cr)	硫(S)	磷(P)	其它元素总量
≤0.15	10-16	≤0.03	≤0.04	≤2.50

堆焊层硬度 HRC≥40

参考电流 **Recommended current:**

焊条直径(mm) Weld rod diameter	3.2	4.0	5.0
焊接电流(A) Welding current	80~120	120~160	160~200

注意事項: 1. 焊前焊条須經過150°C左右烘焙1小時。

2. 焊前須將工件預熱至300°C以上，焊後進行不同的熱處理可獲得相應的硬度。

Product Name: D608

符合 : GB EDZ-AI-08

说 明: D608是石墨型药皮的铬钼铸铁堆焊焊条。可交直流两用，但采用直流电源更为适宜。由于堆焊金属为铸铁组织的铬、钼碳化物，因此堆焊层具有较高的硬度和耐磨性。对泥沙及矿石的磨耗有良好的抵抗能力。

用 途: 可用于农业机械、矿山设备等承受砂粒磨损与轻微冲击的零件。

Description: D608 is chrome-molybdenum cast iron type electrode with tungsten coating for deposited welding. It can be operated on both AC and DC, but operating on DC is better. Since the weld metal consists of Chrome-molybdenum carbide, so surfacing layer provided with more hardness and anti-abrasion ability. It has excellent anti-abrasion ability to sand and ore.

Application: It applies to surfacing welding parts of agriculture and mining machineries, and parts under light impacting working environment.

熔敷金属化学成分(%) Chemical composition of weld metal(%):

碳(C)	铬(Cr)	钼(Mo)
2.50~4.50	3.00~5.00	3.00~5.00

堆焊层硬度: HRC≥55

Hardness of surfacing weld layer: HRC≥55

参考电流 Recommended current:

焊条直径(mm) Weld rod diameter	3.2	4.0	5.0
焊接电流(A) Welding current	90~120	130~160	170~210

注意事项: 1. 焊前焊条应经250°C左右烘培1小时。

2. 焊时焊件预热至400°C~500°C，或先用J507低氢焊条堆焊一层，再趁热堆焊，焊后缓冷。

3. 堆焊层不能进行切削加工，只能磨加工。

Notes:

1. Electrodes must be baked for 1 hour at 250°C before welding operation.

2. Before surface welding works, to heat the parts up to 400°C~500°C, or to pre-deposited welding by using of J507 low hydrogen electrode, then operate deposited welding and cooling down slowly.

3. It is unable to machining the Deposited weld line, but grinding.

Aluminum Welding Wire



Product Name:ER 1070| Al99.7

Product description

ER1070 is a kind of pure aluminium welding wire with the aluminium more than 99.7% .

WIRE COMPOSITION (%)

	Al	Si	Fe	Cu	Mn	Mg	Zn	Be	Ti
Requirements-ER1070	99.7	<0.20	<0.25	<0.04	<0.03	<0.03	<0.04	<0.0003	<0.03
Typical Results	99.82	0.06	0.09	0.005	0.001	0.001	0.001	0.000	0.005

Mechanical Properties

Welding consumables	Y.S (MPa)	T.S (MPa)	EI. (%)	Melting point (°C)	Anodizing color
ER1070	124-224	275-330	12-16	579-582	White

Key Features:

- Pure aluminum welding wire for MIG and TIG welding
- Good color-match after anodic process
- Good anti-corrosiveness
- Well electrical conductivity

Application:

- Buss bars
- Electrical boxes
- Heat exchangers
- Metallizing
- Electrical, chemical, construction and food industry
- Low strength corrosion resistant vessels and tanks

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 18273: S Al 1070 (Al99.7)
- SFA/AWS A5.10/A5.10M: ER1070

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm,	D300mm Plastic Spool/Steel Spool	7
	1.6mm	D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm,	Length:1000mm	5
	3.0mm, 3.2mm, 4.0mm,	Carton or plastic tube	10
	5.0mm, 6.0mm		20

Aluminum Welding Wire



Product Name: ER4043 | AlSi5

Product description

ER4043 (Al-Si5) is one of the oldest and most widely used welding and brazing alloys. SIWEITE ER4043 can be classified as a general purpose type filler alloy.

WIRE COMPOSITION (%)

	Al	Si	Fe	Cu	Mn	Mg	Zn	BE	Ti
Requirements-ER4043	Remainder	4.50-6.00	<0.80	<0.30	0.05	<0.05	<0.04	<0.0003	<0.15
Typical Results	Remainder	5	0.15	0.03	0.001	0.02	0.001	0.0000	0.01

Mechanical properties

Welding consumables	Y.S (MPa)	T.S (MPa)	EI. (%)	Melting point (°C)	Anodizing color
ER4043	124-224	275-330	12-16	579-582	White

Key Features:

- Metal spraying.
- Lower melting point and good fluidity.
- More specifically the 6XXX series alloys.
- Designed for welding heat-treatable base alloys.
- Suitable for sustained elevated temperature service.
- Low sensitivity to weld cracking with the 6XXX series base alloys.

Application:

- For welding 6XXX alloys, and most casting alloys
- Automotive components
- Bicycle frames
- Recreation

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 10858-2008
- AWS A5.10

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm,	D300mm Plastic Spool/Steel Spool	7
	1.6mm	D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm,	Length:1000mm	5
	3.0mm, 3.2mm, 4.0mm,	Carton or plastic tube	10
	5.0mm, 6.0mm		20

Product Name:ER4047 | AISI12

Product description

ER4047 is the eutectic aluminum silicon alloy welding wire with about 12% Si element. Suitable for Al-Si, Al-Si-Mg, Al Si mg Cu wrought aluminium and aluminium (7%Si) argon arc welding.

WIRE COMPOSITION (%)

	Al	Si	Fe	Cu	Mn	Mg	Zn	BE	Ti
Requirements-ER4047	Remainder	11.0-13.0	<0.80	<0.30	<0.10	<0.10	<0.20	<0.0003	<0.15
Typical Results	Remainder	0.06	0.11	0.005	0.75	4.8	0.005	0.0000	0.01

Mechanical properties

Welding consumables	Y.S (MPa)	T.S (MPa)	El. (%)	Melting point (°C)	Anodizing color
ER4047	124-224	275-330	12-16	579-582	White

Key Features:

- Welding filler.
- Metal spraying.
- Similar to AISI12 (Germany), BS N21 (United Kingdom).
- Lower melting point and higher fluidity than 4043 wires.
- Widely used for brazing of aluminum, Al-Mn, Al-Si-Mg alloy materials.
- Can be used as a substitute for 4043 wires to increase silicon in the weld metal, minimize hot cracking and produce higher fillet weld shear strength.

Application:

- Automotive components
- Body panels
- Brazing of aluminum sheets, extrusions, and castings

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 1B273: S Al 4047 (AISI12)
- SFA/AWS A5.10/A5.10M: ER4047

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm,	D300mm Plastic Spool/Steel Spool	7
	1.6mm	D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm,	Length:1000mm	5
	3.0mm, 3.2mm, 4.0mm,	Carton or plastic tube	10
	5.0mm, 6.0mm		20

Aluminum Welding Wire

TYUE 天煜

Product Name: ER 5183 | AlMg4.5Mn0.7

Product description

ER5183 is a special aluminium alloy solid MIG wire containing 5% Magnesium and 0.75% Manganese for improved weld strength and resistance to sea water.

WIRE COMPOSITION (%)

	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	BE	Ti
Requirements-ER5183	Remainder	<0.40	<0.40	<0.10	0.50-0.10	4.30-5.20	0.05-0.25	<0.25	<0.0003	<0.15
Typical Results	Remainder	0.05	0.12	0.005	0.66	4.8	0.08	0.005	0.0000	0.08

Mechanical properties

Welding consumables	Y.S (MPa)	T.S (MPa)	EI. (%)	Melting point (°C)	Anodizing color
ER5183	124-224	275-330	12-16	579-582	White

Key Features:

- Designed to meet higher tensile strength requirements
- Commonly used with 5083 and 5654 base materials
- Be used for welding 6xxx series alloys or joining 6xxx series to 5xxx series
- high resistance to sea water

Application:

- Cryogenic tanks
- Shipbuilding industry
- Railway industry
- Offshore industry
- High strength structural aluminum

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 10858-2008
- AWS A5.10

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm,	D300mm Plastic Spool/Steel Spool	7
	1.6mm	D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm,	Length:1000mm	5
	3.0mm, 3.2mm, 4.0mm,	Carton or plastic tube	10
	5.0mm, 6.0mm		20

Aluminum Welding Wire

TYUE 天煜

Product Name: ER 5356 | AlMg5Cr

Product description

The ER5356 is the most commonly used MIG filler wire. It welds 5000 series and 6000 series aluminum alloy.

WIRE COMPOSITION (%)

	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	BE	Ti
Requirements-ER5356	Remainder	<0.25	<0.40	<0.10	0.50-0.10	4.30-5.20	0.05-0.25	<0.25	<0.0003	<0.15
Typical Results	Remainder	0.06	0.1	0.005	0.66	4.8	0.08	0.005	0.0000	0.08

Mechanical properties

Welding consumables	Y.S (MPa)	T.S (MPa)	EI. (%)	Melting point (°C)	Anodizing color
ER5356	124-224	275-330	12-16	579-582	White

Key Features:

- Designed to meet higher tensile strength requirements
- Commonly used with 5083 and 5654 base materials
- Be used for welding 6xxx series alloys or joining 6xxx series to 5xxx series
- high resistance to sea water

Application:

- Automotive components
- Shipbuilding industry
- Railway industry
- Trailer manufacturing
- General fabrication
- Power industry
- Structural frames

Shielding Gas:

- 100% Argon
- Argon/Helium mixture

Conformance:

- ISO 10858-2008
- AWS A5.10

Diameters/Packing

Type	Diameters(mm)	Package	Weight(kg)
MIG wire	0.9mm, 1.0mm, 1.2mm,	D300mm Plastic Spool/Steel Spool	7
	1.6mm	D270mm Plastic Spool	7
	0.9mm, 1.0mm, 1.2mm	D200mm Plastic Spool	2
		D100mm Plastic Spool	0.5
TIG rod	1.6mm, 2.0mm, 2.4mm,	Length:1000mm	5
	3.0mm, 3.2mm, 4.0mm,	Carton or plastic tube	10
	5.0mm, 6.0mm		20

Welding Electrode Drying Oven

TYUE 天煜



Model	J-5C	J-10C
Electrode Capacity	5Kg	10Kg
Input Voltage	AC220V	
Power	200W	800W
Max. Temperature	50°C-400°C	
Electrode Length	450mm (Can choose other type)	
Chamber Size	φ 190 × 548H mm	φ 228 × 605H mm
Overall Size(L×W×H)	3.0Kg	5.0Kg

Model	J-5B	J-10B
Electrode Capacity	5Kg	10Kg
Input Voltage	AC220V/230V AC.DC60-110V	
Power	500W	600W
Max. Temperature	180 ± 15°C	
Electrode Length	450mm (Can choose other type)	
Overall Size(L×W×H)	168 × 185 × 635mm	202 × 232 × 646mm
Weight	3.2Kg	4.3Kg



Model	J-5M	J-10M
Electrode Capacity	5Kg	10Kg
Input Voltage	AC.DC60-110V	
Power	200W	300W
Max. Temperature	150°C	
Electrode Length	450mm (Can choose other type)	
Chamber Size	φ 78 × (400+65)mm	φ 110 × (420+50)mm
Overall Size(L×W×H)	φ 175 × 548Hmm	φ 230 × 620Hmm
Weight	3.0Kg	4.5Kg



Model	J-10CE
Electrode Capacity	10Kg
Input Voltage	AC220V/230V
Power	300W
Max. Temperature	50°C-250°C
Electrode Length	450mm (Can choose other type)
Chamber Size	110 × (420 + 35)mm
Overall Size(L×W×H)	230 × 620mm
Weight	4.5Kg
Introduce	Cable terminal is made of claps or magnet With welding rod to support the tray and hook

Welding Electrode Drying Oven

TYUE 天煜



Model	AR-30
Electrode Capacity	30KG
Input Voltage	AC220V
Power	1400W
Max. Temperature	50-400°C
Electrode Length	450mm
Chamber Size	390X600X670mm
Weight	38KG



Model	AR-60
Electrode Capacity	60KG
Input Voltage	AC220V
Power	2000W
Max. Temperature	50-400°C
Electrode Length	450mm
Chamber Size	510X670X720mm
Weight	51KG

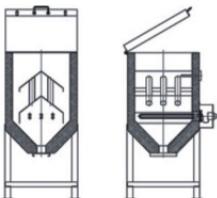


Model	A-25R
Electrode Capacity	25KG
Input Voltage	AC220V
Power	800W
Max. Temperature	50-300°C
Electrode Length	450mm
Chamber Size	350X450X580mm
Weight	17.6KG



Welding Electrode Drying Oven

TYUE 天煜



Model	AF-100L	AF-150L	AF-200L	AF-300L
FLUX OVEN				
Capacity	100 Liter	150 Liter	200 Liter	300 Liter
AC220V、460V 50Hz				
50°C-300°C				
Size L*W*H	740×650×1050mm	740×650×1150mm	740×650×1350mm	(740×650×1150mm)×2
Weight	75Kg	95Kg	103Kg	180Kg

Welding Electrode Drying Oven

TYUE 天煜



Model	J-5T
Electrode Capacity	5KG
Input Voltage	AC220V DC110V
Power	320W/500W
Max. Temperature	150°C
Electrode Length	450mm
Chamber Size	20.2X23.2X64.6cm
Weight	3.2KG

Model	A-350M	A-450M
Electrode Capacity	4.5KG	6.5KG
Electrode Length	300mm	450mm
Chamber Size	9.7X9.7X38.1cm	9.7X9.7X48.3cm



Item	Flux Oven
Model	AF-100SS
Flux Capacity	100KG
Input Voltage	AC220V
Power	3500W
Temperature Range	50~300°C
Overall Size (LxWxH)	760x635x1250MM
Weight	45KG

Item	Water Cooling System
Model	WRC-300A
Input	220V or 110V, 50/60Hz
Motor	260w (0.9A/220V)
Duty Cycle	100%
Max Pressure	3 BAR (30MINGH)
Tank Capacity	9 LITRE
Flow Rate	8.5L/MINUTE AT 6mH
Operation Temperature	-20°C~60°C
Dimension	54(L) x 26 (W) x 35 (H)
Weight	5.9KG

Welding Electrode Drying Oven

TYUE 天煜



Model	A-25ET
Electrode Capacity	25KG
Input Voltage	AC240V/AC.DC60V~110V
Power	500W
Temperature Range	50~300°C
Electrode length	450MM (Can choose other type)
Chamber Size	φ 190 x 490MM
Overall Size (L x W x H)	315 x 295 x 575MM
Weight	14KG

Model	A-25E-1
Electrode Capacity	25KG
Input Voltage	AC240V/ AC.DC60V~110V
Power	500W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	φ 190 x 490MM
Overall Size (L x W x H)	320 x 305 x 570MM
Weight	14KG



Model	A-25E-2
Electrode Capacity	25KG
Input Voltage	AC240V/AC.DC60V~110V
Power	500W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	φ 190 x 490MM
Overall Size (L x W x H)	315 x 315 x 570MM
Weight	14KG

Model	A-25STL-1
Electrode Capacity	25KG
Input Voltage	AC240V/AC.DC60V~110V
Power	500W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	φ 190 x 490MM
Overall Size (L x W x H)	400 x 360 x 650MM
Weight	20KG

Welding Electrode Drying Oven

TYUE 天煜



Model	A-25STL-2
Electrode Capacity	25KG
Input Voltage	AC240V/AC.DC60V~110V
Power	500W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	Φ 190 × 490MM
Overall Size (L × W × H)	400 × 360 × 650MM
Weight	20KG

Model	A-25STL-3
Electrode Capacity	25KG
Input Voltage	AC240V/AC.DC60V~110V
Power	500W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	Φ 190 × 490MM
Overall Size (L × W × H)	400 × 345 × 650MM
Weight	20KG



Model	A-70S
Electrode Capacity	70KG
Input Voltage	AC220V
Power	1000W
Temperature Range	50~300°C
Electrode length	450MM (Can choose other type)
Chamber Size	Φ 370 × 500MM
Overall Size (L × W × H)	640 × 480 × 615MM
Weight	47KG

Model	A-70E
Electrode Capacity	70KG
Input Voltage	AC220V
Power	1000W
Temperature Range	50~150°C
Electrode length	450MM (Can choose other type)
Chamber Size	Φ 370 × 500MM
Overall Size (L × W × H)	640 × 480 × 615MM
Weight	47KG

Welding Electrode Drying Oven

TYUE 天煜



Model	EA-400
Electrode capacity	400KG
Input Voltage	3Phase, 380V
Power	5400W
Temperature Range	50~400°C
Electrode length	450MM (Can choose other type)
Overall size(LxWxH)	840x780x1390MM
Weight	200KG

Model	ZYH-50S
Electrode capacity	50KG
Input Voltage	AC220V
Power	1800W
Temperature Range	50~250°C
Electrode length	450MM (Can choose other type)
Overall size(LxWxH)	665x640x560MM
Weight	25KG



Model	EA-100T/T	EA-200T/T	EA-400T/T
Electrode capacity	100KG	200KG	400KG
Input Voltage	220V	220V	220V
Power	1000W	1500W	3000W
Temperature Range	300°C	300°C	300°C
Electrode length	450mm (can choose other type)	450mm (can choose other type)	450mm (can choose other type)
Chamber size	550x285x490MM	550x560x490MM	900x580x490MM
Overall size(LxWxH)	950x740x500MM	915x745x800MM	1305x735x800MM
Weight	35KG	56KG	105KG

Model	ZYH-200S
Electrode capacity	200KG
Input Voltage	AC220V
Power	2400W
Temperature Range	50~250°C
Electrode length	450MM (Can choose other type)
Overall size(LxWxH)	800x670x1060MM
Weight	65KG



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