



E6011 AWS5.1 Weld Electrode Rod Electrical Welding Electrodes

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: E6011 J422 J421
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Name: Electrode Rod
- Model Number: E6011 J422 J421
- Operating Current: 50-240A
- Application: Low Carbon Steel Structure
- Advantage: Excellent Welding
- Type Of Current: AC Or DCEP
- Highlight: Resistance Aluminum Alloy Welding Wire,
780 MPA Aluminum Alloy Welding Wire,
12mm aluminum chromium alloy



More Images



Product Description

Introduction:

E6011 electric welding rod is a commonly used welding material, usually used for welding carbon steel structures. Its diameter usually ranges from 2.0 mm to 5.0 mm. The main chemical components of E6011 welding rod include carbon (C), silicon (Si) and manganese (Mn). The carbon content is generally between 0.3% and 0.45%, and the content of silicon and manganese is relatively low. This type of electrode has good welding performance, is easy to operate, and produces relatively little spatter during the welding process. It is suitable for a variety of welding positions, including flat, horizontal, longitudinal and overhead welding. E6011 welding rod is widely used in welding work in construction, bridges, shipbuilding, metal structures and other industries.

Parameter:**Chemical Composition of Deposited Metal(%)**

	C	Mn	Si	S	P	Ni	Cr	Mo	V
Standard	≤0.20	≤1.20	≤1.00	-	-	≤0.30	≤0.20	≤0.30	≤0.08
Typical	0.096	0.68	0.20	0.017	0.018	0.008	0.041	0.001	0.012

Mechanical Properties of Deposited Metal (AW)

Chemical Properties Of Deposited Metal (AW)				
	Yield Point ReH (Mpa)	Tensile Strength Rm (Mpa)	Elongation A4(%)	Impact Value(J)
				-30°C
Standard	≥330	≥430	≥22	≥27
Typical	405	500	30	150

Feature:

Good welding performance: E6011 electric welding rod shows good arc stability and penetration during the welding process, making the welding operation easier.

Wide applicability: This welding rod is suitable for a variety of welding positions, including flat welding, horizontal welding, longitudinal welding and overhead welding, making it effective in different working conditions.

Low Spatter: The E6011 welding rod produces relatively little spatter during the welding process, helping to keep the work area clean and reducing subsequent cleanup.

Application:

Construction industry: E6011 welding rod is often used for welding of building structures, such as the connection of steel structures, pipes and metal frames.

Bridge construction: In the field of bridge construction, E6011 electric welding rod is used to weld bridge components, such as bridge brackets, connecting plates, etc.

Shipbuilding: In the shipbuilding industry, E6011 welding rods are often used to weld ship hull structures and ship equipment.

Packing:

2.0mm: 2.5kg/box, 8boxes/carton

2.5mm: 2.5kg/box, 8boxes/carton

3.2mm: 5kg/box, 4boxes/carton

4.0mm: 5kg/box, 4boxes/carton

5.0mm: 5kg/box, 4boxes/carton

then on seaworthy pallet

Or Customize!



Q&A:

Q: What are the main features of E6011 welding rod?

Answer: E6011 welding rod has good welding performance, wide applicability and low spatter.

Q: Which welding positions is the E6011 welding rod suitable for?

Answer: E6011 welding rod is suitable for various welding positions such as flat welding, horizontal welding, longitudinal welding and overhead welding.

Q: In which industries are E6011 welding rods commonly used?

Answer: E6011 welding rods are commonly used in industries such as construction, bridge construction, and shipbuilding.



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