



Changzhou Giant Welding Co.,Ltd
www.giantweld.com

Standard : AWS A5.1 E6013	Chemical Composition %									
		C	Mn	Si	S	P	Ni	Cr	Mo	V
Grade E6013	Spec	≤0.2	≤1.2	≤1.0	≤0.035	≤0.04	≤ 0.3	≤0.2	≤0.3	≤0.08
	Typical	0.065	0.39	0.22	0.016	0.022	0.022	0.03	0.003	0.01
Specification (MM)	1.6、 2.0、 2.4、 3.2、 4.0、 5.0				X ray detection grade: II					
Package	5 kgs/plastic bag in a color box, 20kgs/carton, 1 ton in a pallet									
Mechanical Properties		Tensile Strength Mpa			Yield Strength Mpa		Elongation %		KV2(J) 0℃	
	Specification	≥ 430			≥ 330		≥ 16		≥ 47	
	Typical	480			390		28		90	
Diameter (MM)	2.0	2.5			3.2		4.0		5.0	
Length (MM)	300	300			350		400		400	
Current (A)	40~70	50~90			80~130		130~210		180~230	
Specification	It is a kind of carbon steel electrode with titania type coating. AC/DC. All-position welding. It has excellent welding performance, excellent operating performance, easy reignition, stable arc and beautiful appearance of weld.									
Application	Used for welding low-carbon steel structures, especially suitable for welding on thin plates and cosmetic welding which requires the weld beads to be beautiful and glossy.									

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