



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

Standard: AWS A5.4 AWS A5.4M	Chemical Composition %								
	C	Mn	Si	P	S	Ni	Cr	Mo	Cu
Grade E312-16	≤0.15	0.50~2.5	≤1.0	≤0.04	≤0.03	8.0~10.5	28.0~32.0	≤0.75	≤0.75
Specification (MM)	1.6、 2.0、 2.4、 3.2、 4.0、 5.0								
Package	5 kgs/plastic bag in a color box, 20kgs/carton, 1 ton in a pallet								
Mechanical Properties		Tensile Strength Mpa				Elongation %			
	Specifcation n	≥ 660				≥ 22			
Specification	E312-16 is a lime titanium type duplex stainless steel welding rod. It deposits a ferritic-austenitic duplex weld metal with around 40% ferrite so it has excellent crack resistance. It is suitable for welding Cr29Ni9 cast steels, high carbon steels, tool steels, problem steels, as well as dissimilar metals.								
Application	Used for welding high-carbon steel, tool steel, high temperature steel, armor steel, dissimilar steel, etc.								

