



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

Standard: AWS A5.20 E71T-11	Chemical Composition %										
	C	Mn	Si	P	Al	S	Cr	Ni	Cu	Mo	V
Grade E71T-11	≤0.30	≤1.75	≤0.60	≤0.03	≤1.80	≤0.03	≤0.20	≤0.50	≤0.35	≤0.30	≤0.08
Type	Spool (MIG)										
Specification (MM)	0.8、 0.9、 1.0、 1.2、 1.6		Packa ge	S100/1kg S200/5kg S270,S300/15kg-20kg							
Mechanical Properties	Yield Strength (Mpa)			Tensile Strength (Mpa)						Elongation (%)	
	≥ 390			490 – 670						≥ 20	
MIG Welding	Diameter (MM)			1.0		1.2			1.6		
	Welding Current - A			60 – 180		80 – 220			110 – 270		
	Welding Voltage- V			12 – 20		13 – 22			14 – 26		
Performance characteristics	E71T-11 is self-shielded flux-cored wire with excellent welding performance and soft and stable arc. Small splash, easy slag removal, beautiful welding seam. Suitable for welding and welding, can all position of welding, the welding efficiency is high. The weld metal is treated with trace elements , and has good low - temperature toughness , good crack resistance and stable and reliable intrinsic quality .										
Application	The welding of structural parts of carbon steel and low alloy structural steel with tensile strength ≥ 490 MPA is the most widely used in the welding of important structures such as shipbuilding.										
Notice	1. Welding workpiece should be done oil removal, rust removal treatment. 2. Welding wire warehouse humidity should be maintained no more than 60%. 3. Non-vacuum packaging wire storage time should not exceed half a year, vacuum packaging wire storage time should not exceed one year.										

