

Standard: AWS E71T-11	Chemical Composition %					
	C	Mn	Si	S	P	Al
Grade E71T-11	≤ 0.30	≤ 1.75	≤ 0.60	≤ 0.03	≤ 0.03	≤ 1.80
Type	Spool (MIG)					
Specification (MM)	0.8、0.9、1.0、1.2、1.6	Package	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	<p>E71T-11 is self-shielded flux-cored wire with excellent welding performance and soft and stable arc.</p> <p>Small splash, easy slag removal, beautiful welding seam. Suitable for welding and welding, can all position of welding, the welding efficiency is high.</p> <p>The weld metal is treated with trace elements , and has good low - temperature toughness , good crack resistance and stable and reliable intrinsic quality .</p>					
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	<ol style="list-style-type: none"> 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. 					