



Changzhou Sanzhong Welding Materials Co.,Ltd

www.asweld.com

Standard: AWS A5.10 ER4047	Chemical Composition %								
	Si	Fe	Cu	Mn	Mg	Zn	AL	Other Each	Other Total
Grade ER4047	11 – 13	≤ 0.8	≤ 0.3	≤ 0.15	≤ 0.1	≤ 0.2	Rest	≤ 0.05	≤ 0.15
Type	Spool (MIG)				Tube (TIG)				
Specification (MM)	0.8、0.9、1.0、1.2、1.6、2.0				1.6、2.0、2.4、3.2、4.0、5.0				
Package	S100/0.5kg S270,S300/6kg-7kg		S200/2kg S360/20kg		5kg/box	10kg/box	length :1000MM		
Mechanical Properties	Fusion Temperature °C		Electrical IACS	Heat W/m.k	Tensile Mpa		Yield Mpa	Elongation %	
	532 – 571		40%	2.68	130 – 160		70 – 85	6 – 12	
	Diameter (MM)		1.2		1.6		2.0		
MIG Welding	Welding Current - A		180 – 300		200 – 400		240 – 450		
	Welding Voltage- V		18 – 26		20 – 28		22 – 32		
TIG Welding	Diameter (MM)		1.6 – 2.4		2.4 – 4.0		4.0 – 5.0		
	Welding Current - A		150 – 250		200 – 320		220 – 400		
Performance characteristics	<p>The eutectic Al-Si wire containing 12% Si, which has lower melting point and finer solidification range than ER4043;</p> <p>High silicon content, good fluidity, and reducing the hot cracking tendency to the minimum, increasing the shear strength of the weld;</p> <p>The color after anodizing is gray – black.</p>								
Application	<p>It is used in argon arc welding of aluminum, magnesium, copper and cast aluminum (7%Si) ;</p> <p>More widely used in pure aluminum, aluminum manganese, aluminum-silicon magnesium alloy brazing.</p>								
Notice	<p>1、The product can be kept for two years under the condition of factory packing and sealed, and the packing can be removed for three months under the usual atmospheric environment.</p> <p>2、Products should be stored in a ventilated, dry and place.</p> <p>3、After the wire is removed from the package, it is recommended that appropriate dust proof cover be applied over the wire.</p>								



TEL:86 189 1234 9999

E-mail: manager@kkweld.com

Whatsapp : +86 189 1234 9999