Inweld A-3

Chemical Composition of Inweld A-3

Fe	C	Cr	Ni	Mo	Mn	Si	P	S	N	Cu
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Chemical composition not available.

Description and Applications

Inweld A-3 is a 5% silicon aluminum arc welding electrode with exclusive self-lifting slag. For arc welding aluminums alloyed with copper, silicon, and magnesium. Also excellent for joining dissimilar grades of aluminum. Start by using the upper portion of the amperage range. Feed the electrode quickly and move fast maintaining a very close arc gap.

Typical Weld Metal Properties

	AWS Spec
Tensile Strength:	34,000 psi
Yield Strength:	20,000 psi
Elongation:	18%

Recommended Parameters

SMAW

Wire Diameter	Voltage	Amperage
5/64”	20-60	
3/32”	50-80	
1/8”	70-120	
5/32”	110-150	