Inweld Al 230

Chemical Composition of Inweld Al 230

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

Description and Applications

Due to the self-contained flux, Inweld Al 230 is extremely easy to use. Deposits are high strength, have excellent plasticity, and provide a perfect color match (turns gray if anodized). Inweld Al 230 can be used in any position and deposits are easily shaped and readily machine-able. Inweld Al 230 was designed for repairing cracks and breaks in cast or extrusions. Building up on worn or broken parts. Model work and mold/die changes and fabrication of cast, sheet, or wrought aluminum. To use, clean work surface thoroughly. Remove any dirt, surface corrosion, grease, etc. Sand lightly if possible – joint gap should not exceed 1/8" (3.25mm). Adjust torch to a slightly carburizing flame and apply heat to work/joint area, keeping torch tip 1" to 2" (25mm to 50mm) from surface. Melt a small amount of Inweld Al 230 onto work piece at the start of the joint and continue heating (moving flame along the joint) until the deposit starts to flow out - then continue adding alloy as you would any brazing or welding filler metal. Brushing under hot water will remove flux residue.

Typical Weld Metal Properties

	AWS Spec
Tensile Strength:	34,000 psi
Yield Strength:	
Elongation:	
Liquid:	1070F (560C)