Inweld Low Fuming Bronze (LFB/FW)

AWS A5.8/5.28 RBCuZn-C

Chemical Composition of Inweld Low Fuming Bronze

Fe	Ni	Zn	Al	Mo	Mn	Si	Pb	Sn	Other	Cu
0.25-1.20	---	Balance	0.01	---	0.01-0.50	0.04-0.15	0.05	0.80-1.10	0.50	56.0-60.0

Single values are maximum unless otherwise specified.

Description and Applications

Inweld Low Fuming Bronze is a brazing and low amperage TIG filler metal that can be used on steels, copper, copper alloys, nickel, nickel alloys and stainless steel. When brazing, it is used with the torch, furnace and induction brazing processes. Fluxing is required and a borax-boric acid flux is commonly used. Joint clearances from 0.002 to 0.005 in. are suitable.

Typical Weld Metal Properties

	AWS Spec
Average As-Welded Brinell Hardness:	80-110
Tensile Strength:	56,000 psi
Yield Strength:	
Elongation:	