



Supplier of Welding Alloys

Bronze and Copper TIG & MIG Wire

Oxford Alloy® Low Fuming Bronze

SPECIFICATIONS

AWS 5.8
ASME SFA 5.8

CLASSIFICATIONS

AWS RBCuZn-C
UNS C68100

DESCRIPTION / APPLICATION

Oxford Alloy Low Fuming Bronze is a general purpose oxyacetylene brazing rod used for steel, copper alloys, cast iron, nickel alloys and stainless steel. The balanced chemical analysis of copper and zinc as well as alloying elements of tin, iron, manganese and silicon produce weld deposits with excellent mechanical properties. High strength, ductile and sound weld deposits are easily attained simply by applying a neutral or slightly oxidizing flame. Oxford Alloy Low Fuming bronze has a low silicon content, which keeps fumes to a minimum.

This alloy also is available in a flux coated tig.

AWS Chemical Composition						
Cu	Mn	Sn	Pb	Fe	Si	Zn
56.0-60.0	0.01-0.50	0.80-1.10	0.05 max	0.25-1.20	0.04-0.15	Bal
Al	OET					
0.01 max	0.50 max					

TYPICAL MECHANICAL PROPERTIES

Tensile strength: 56,115 psi 387 MPa

Please contact our sales department for more information at 800-562-3355 or 225-273-4800.

Data contained in this publication are typical of the products and properties described, but are not suitable for specifications.
OXFORD ALLOYS is a registered trademark of Oxford Alloys, Inc.