



Supplier of Welding Alloys

## Bronze and Copper TIG & MIG Wire

### Oxford Alloy® Silicon Bronze

**SPECIFICATIONS**

AWS 5.7  
ASME SFA 5.7

**CLASSIFICATIONS**

AWS ERCuSi-A  
UNS C65600

**DESCRIPTION / APPLICATION**

Oxford Alloy Silicon Bronze is used for the welding of copper, copper-silicon, and copper-zinc base metals to themselves, and also to steel. This filler metal is also used to weld on coated steels. Oxford Alloy Silicon Bronze can be used to surface areas subject to corrosion.

AWS Chemical Composition						
Cu+Ag	Zn	Sn	Mn	Fe	Si	Al
Bal	1.0 max	1.0 max	1.5 max	0.50 max	2.8-4.0	0.01 max
<b>Pb</b>	<b>OET</b>					
0.02 max	0.50 max					

**TYPICAL MECHANICAL PROPERTIES**

Tensile strength: 50,750 psi 350 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.  
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