



*Supplier of Welding Alloys*

## Stainless Steel TIG, MIG and SUB-ARC Wire

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### Oxford Alloy® 310

**SPECIFICATIONS**

AWS 5.9  
ASME SFA 5.9

**CLASSIFICATIONS**

AWS ER310  
UNS S31080

**DESCRIPTION / APPLICATION**

Oxford Alloy ER 310 is used for the welding of stainless steels of similar composition in wrought or cast form. The weld deposit is fully austenitic and calls for low heat during welding. This filler metal can also be used for dissimilar welding.

AWS Chemical Composition						
C	Mn	Si	Cr	Ni	S	P
0.08-0.15	1.0-2.5	0.30-0.65	25.0-28.0	20.0-22.5	0.03 max	0.03 max
Mo	Cu					
0.75 max	0.75 max					

**TYPICAL MECHANICAL PROPERTIES**

Tensile strength: 88,450 psi 610 MPa  
Yield strength: 69,600 psi 480 MPa  
Elongation: 41%

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

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