



Supplier of Welding Alloys

Stainless Steel TIG, MIG and SUB-ARC Wire

Oxford Alloy® 330

SPECIFICATIONS

AWS 5.9
ASME SFA 5.9

CLASSIFICATIONS

AWS ER330
UNS N08331

DESCRIPTION / APPLICATION

Oxford Alloy ER330 is used to weld cast and wrought material of similar chemical composition. The weld metal provides excellent heat and scale resistance up to 1800° F. However, high sulfur environments may adversely affect elevated temperature performance.

AWS Chemical Composition						
C	Mn	Si	Cr	Ni	Mo	S
0.18-0.25	1.0-2.5	0.30-0.65	15.0-17.0	34.0-37.0	0.75 max	0.03 max
P	Cu					
0.03 max	0.75 max					

TYPICAL MECHANICAL PROPERTIES

Tensile strength: 84,000 psi 580 MPa
Yield strength: 56,500 psi 390 MPa
Elongation: 29%

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.