



Supplier of Welding Alloys

Stainless Steel Coated Electrodes

Oxford Alloy® 2209-16

SPECIFICATIONS

AWS 5.4
ASME SFA 5.4

CLASSIFICATIONS

AWS E2209-16
UNS W39209

DESCRIPTION / APPLICATION

Oxford Alloy E2209-16 is an electrode designed to run on direct current, reversed polarity as well as alternating current. This electrode is used for welding ferritic-austenitic (duplex) steels, especially those with high resistance to stress corrosion cracking. Oxford Alloy E2209-16 is also used for welding on stainless structures where a particularly high strength is required. This electrode deposits weld metal of ferritic-austenitic chromium-nickel-molybdenum steel with low carbon content for service temperature up to 540°F.

AWS Chemical Composition						
C	Cr	Ni	Mo	Mn	Si	P
0.04 max	21.5- 23.5	8.5- 10.5	2.5- 3.5	0.5- 2.0	1.0 max	0.04 max
S	N	Cu				
0.03 max	0.08- 0.20	.075 max				

TYPICAL MECHANICAL PROPERTIES

Tensile strength: 124,700 psi 860 MPa

Yield strength: 94,250 psi 650 MPa

Elongation: 32%

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

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