

OK Tigrod 2209

Bare corrosion resisting Duplex welding rods for welding of austenitic-ferritic stainless alloys of 22% Cr 5% Ni 3% Mo types. OK Tigrod 2209 has a high general corrosion resistance. In media containing chloride and hydrogen sulphide the alloy has a high resistance to intergranular, pitting and especially to stress corrosion. The alloy is used in a variety of applications across all industrial segments.

Specifications	
Classifications	EN ISO 14343-A : W 22 9 3 N L SFA/AWS A5.9 : ER2209
Approvals	CE : EN 13479 DB : 43.039.19 DNV-GL : Duplex Steels NAKS/HAKC : 1.6-3.2 mm VdTÜV : 13010

Alloy Type	Austenitic-ferritic (22.5 % Cr - 8 % Ni - 3 % Mo - Low C)
-------------------	---

Typical Tensile Properties				
Condition	Conditional Statement	Yield Strength	Tensile Strength	Elongation
SHT	1050°C 0.5h	450 MPa	730 MPa	34 %
As Welded		600 MPa	765 MPa	28 %

Typical Wire Composition %								
C	Mn	Si	Ni	Cr	Mo	N	PRE	FN WRC-92
0.01	1.5	0.5	8.5	22.7	3.2	0.17	35	55