

OK Tigrod 2509

Bare corrosion resisting "Super Duplex" rods for welding of austenitic-ferritic stainless alloys of 25% Cr, 7% Ni, 4%Mo, low C types. OK Tigrod 2509 has high intergranular, pitting and stress corrosion resistance. The alloy is widely used in applications where corrosion resistance is of outmost importance. Pulp & paper industry, offshore and gas industry are areas of interest.

Specifications

Classifications	EN ISO 14343 : W 25 9 4 NL
Approvals	UDT DIN 8556 VdTÜV 06593 (IT)

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Austenitic-ferritic (25 % Cr - 10 % Ni - 4 % Mo - Low C)
Shielding Gas	I1, I3, N2 (EN ISO 14175)

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	660 MPa (96 ksi)	835 MPa (121 ksi)	37 %

Typical Charpy V-Notch Properties

Testing Temperature	Impact Value
-20 °C (-76 °F)	200 J (147.5 ft-lb)
-50 °C (-58 °F)	180 J (133 ft-lb)