

OK Tigrod 308H

Bare corrosion resisting chromium-nickel rods for welding of austenitic chromium nickel alloys of 18 % Cr - 8 % Ni-type. OK Tigrod 308H has a good general corrosion resistance. The alloy has a high carbon content which makes this alloy suitable for applications used at higher temperatures. The alloy is used in chemical and petrochemical industry for welding of for tubes, cyclones and boilers.

Specifications

Classifications	EN ISO 14343-A : W 19 9 H SFA/AWS A5.9 : ER308H
Approvals	NAKS/HAKC : 2.4MM

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

Alloy Type	Austenitic 19% Cr - 9% Ni - High C
Shielding Gas	I1 (EN ISO 14175)

Tensile Properties

Testing Condition	Yield Strength	Tensile Strength	Elongation
As Welded	350 MPa	550 MPa	30 %

Charpy Testing

Testing Condition	Testing Temp	Impact Value
As Welded	-18 °C	150 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	N	Nb	FN WRC-92
0.05	1.9	0.5	9.2	19.8	0.06	0.01	9