OK Tigrod 308H

Bare corrosion resisting chroumium-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)

Typical Tensile Properties			
Condition	**Yield Strength**	**Tensile Strength**	**Elongation**
As Welded	350 MPa (51 ksi)	550 MPa (80 ksi)	30 %

Typical Charpy V-Notch Properties		
Condition	**Testing Temperature**	**Impact Value**
As Welded	-18 °C (0 °F)	150 J (111 ft-lb)

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