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

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	507 MPa	660 MPa	39 %

Charpy Testing		
Testing Condition	**Testing Temp**	**Impact Value**
As Welded	-18 °C	157 J

Typical Wire Composition %							
C	**Mn**	**Si**	**Ni**	**Cr**	**N**	**Nb**	**FN WRC-92**
0.05	1.9	0.5	9.2	19.8	0.04	0.01	6