

## OK Tigrod 410NiMo

Bare welding rods of the 420NiMo type alloyed with 13% Cr, 4.5% Ni and 0.5% Mo. This alloy is used for welding similar composition martensitic and martensitic-ferritic steels in different applications, such as hydroturbines.

<b>Classifications Wire Electrode:</b>	EN ISO 14343-A:W 13 4
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<b>Alloy Type:</b>	Martensitic-ferritic (13 % Cr - 4.5 % Ni - 0.5 % Mo)
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### Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
Stress relieved 2 hr 600 °C	930 MPa	1000 MPa	17 %
Stress relieved 8 hr 600 °C	770 MPa	870 MPa	22 %

### Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
Stress relieved 2 hr 600 °C	0 °C	120 J
Stress relieved 2 hr 600 °C	-20 °C	120 J
Stress relieved 8 hr 600 °C	0 °C	175 J
Stress relieved 8 hr 600 °C	-20 °C	165 J

### Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Cu
0.02	0.5	0.4	4.2	12.4	0.6	0.1

## OK Tigrod 430LNbTi

A ferritic stainless solid wire with low carbon content and excellent welding properties, 18 % Cr and stabilized with Nb and Ti, for welding similar and matching steels. OK Tigrod 430LNbTi is developed and designed for the automotive industry and used for production of exhaust systems. The wire should be used when there is a need for very good resistance to corrosion and thermal fatigue.

<b>Classifications Wire Electrode:</b>	Werkstoffnummer :1.4509 mod, EN ISO 14343-A:W Z 18 L Nb Ti
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<b>Alloy Type:</b>	18 % Cr - Nb stabilized
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### Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Cu	Ti
0.01	0.5	0.5	0.2	18.5	0.06	0.10	0.20