

## OK Tigrod NiCrMo-3

Bare corrosion and heat-resisting Ni-Cr-Mo rods for welding of high alloyed heat-resisting and corrosion resisting materials, 9%Ni-steels and similar steels with high notch toughness at low temperatures. Also for joining of dissimilar metals of the types mentioned. The weld metal has very good mechanical properties at high and low temperatures. Good resistance to pitting and stress corrosion.

<b>Classifications Wire Electrode:</b>	SFA/AWS A5.14:ERNiCrMo-3, EN ISO 18274:S Ni 6625
<b>Approvals:</b>	DNV For NV1.5Ni up to NV9Ni, VdTÜV 12460

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

<b>Alloy Type:</b>	Alloyed nickel (Ni + 22 % Cr + 9 % Mo - 3.5 % Nb)
--------------------	---

### Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	550 MPa	780 MPa	40 %

### Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As welded	-196 °C	100 J

### Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Fe	Nb+Ta
0.02	0.04	0.06	64.8	22.7	8.6	0.3	3.5

## OK Tigrod NiCrMo-4

OK Tigrod NiCrMo-4 is a corrosion and heat resistant, nickel-chromium rod for TIG welding of high alloyed steel, heat resistant steel, corrosion resistant steel, 9Ni steels and similar steels with high notch toughness at low temperatures. Good resistance to stress corrosion.

<b>Classifications Wire Electrode:</b>	SFA/AWS A5.14:ERNiCrMo-4, EN ISO 18274:S Ni 6276 (NiCr15Mo16Fe6W4)
--	--

### Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	Fe	W
0.01	0.45	0.05	Bal.	15.5	16.1	5.8	3.5